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FALL SEMESTER 2012

New Faculty Orientation
Faculty Workshop
Evening Classes Begin (Undergraduate & Graduate Registration)
1st 8-week classes begin
Day Classes and Labs Begin (Undergraduate & Graduate)
Late Registration Ends at 4:30 p.m.
Last Day to Drop/Add Courses
Labor Day Holiday (No Classes – Offices Closed)
Bi-Weekly Courses begin
2nd 8-week classes begin
Midterm
Fall Midterm Break (No Classes) (Thursday Night Classes Meet)
Midterm Grades Due by NOON
Last Day to Withdraw with an Automatic "W"
Last Day to Withdraw with an Automatic "W" for Bi-Weekly Courses
Reading Day (No Classes)
Thanksgiving Vacation (Offices Closed 11/22 and 11/23)
Last Day of Classes (Undergraduate & Graduate)
Last week Bi-Weekly Courses
Final Examinations
Grades Due by NOON
Offices Closed for Holiday Break

SPRING SEMESTER 2013

Offices Reopen
Day & Evening Classes Begin (Undergraduate & Graduate Registration)
1st 8-week classes begin
Bi-Weekly Courses begin
Late Registration Ends at 4:30 pm
Last Day to Drop/Add Courses
Martin Luther King Holiday (No Classes – Offices Closed)
Midterm
Last week of 1st 8-week classes
Midterm Grades Due by NOON
2nd 8-week classes begin
Spring Break Begins at Close of Classes
Weekend College Last Day to Withdraw with an Automatic "W"
Classes Resume at 8:00 a.m.
Last Day to Withdraw from Class with Automatic "W"
Good Friday Holiday (No Classes – Offices Closed)
Honors Convocation
Last week Bi-weekly Courses/Weekend College
Last Day of Classes (Undergraduate & Graduate)
Reading Day (No Classes)
Last week of 2nd 8-week classes
Final Examinations
Commencement
Grades Due at 12 Noon

SUMMER SCHEDULE 2012

Summer Session I and Bi-weekly courses begin (undergraduate and graduate)
Summer Session II
Summer Session I grades due by NOON
Summer Session II and WEC grades due by NOON
FALL SEMESTER 2013

New Faculty Orientation
Faculty Workshop
Evening Classes Begin (Undergraduate & Graduate Registration)
1st 8-week classes begin
Day Classes and Labs Begin (Undergraduate & Graduate)
Late Registration Ends at 4:30 p.m.
Last Day to Drop/Add Courses
Labor Day Holiday (Offices Closed - No Classes)
Bi-Weekly Courses begin
2nd 8-week classes begin
Midterm
Fall Midterm Break (No Classes) Thursday Night Classes Meet
Midterm Grades Due by 12 NOON
Last Day to Withdraw with an Automatic "W"
Bi-Weekly Courses - Last Day to Withdraw with an Automatic "W"
Reading Day (No Classes)
Thanksgiving Vacation (Offices Closed 11/28 and 11/29)
Last Day of Classes (Undergraduate & Graduate)
Last week Bi-Weekly Courses
Final Examinations
Grades Due by 12 NOON
Offices Closed for Holiday Break

SPRING SEMESTER 2014

Offices Reopen
Day & Evening Classes Begin (Undergraduate & Graduate Registration)
1st 8-week classes begin
Bi-Weekly Courses begin
Late Registration Ends at 4:30 p.m.
Last Day to Drop/Add Courses
Martin Luther King Holiday (No Classes – Offices Closed)
Midterm
Midterm Grades Due by 12 NOON
2nd 8-week classes begin
Spring Break Begins at Close of Classes
Last Day to Withdraw from Class with Automatic “W”
Last Day to Withdraw with an Automatic “W” for Bi-Weekly Classes
Classes Resume
Honors Convocation
Good Friday Holiday (Office Closed - No Classes) Thursday Night Classes Meet
Last week Bi-weekly Courses
Last Day of Classes (Undergraduate & Graduate)
Reading Day (No Classes)
Final Examinations
Commencement
Grades Due at 12 Noon

SUMMER SCHEDULE 2014

Summer Session I and Bi-weekly courses begin (undergraduate & graduate)
Summer Session II
Summer Session I grades due at 12 Noon
Summer Session II and WEC grades due by Noon

Tuesday, August 20
Wednesday – Friday, August 21-23
Monday, August 26
Monday – Friday, August 26-30
Tuesday, August 27
Thursday, August 29
Friday, August 30
Monday, September 2
Tuesday - Saturday, September 3-7
Monday – Friday, October 21-26
Wednesday, October 16
Friday, October 18
Tuesday, October 22
Monday, October 28
Thursday, October 31
Wednesday, November 27
Wednesday, November 27 – December 1
Friday, December 6
Monday – Saturday, December 9-14
Monday - Thursday, December 9-12
Tuesday, December 17
Tuesday, December 24 – Wednesday, January 1

Thursday, January 2
Monday, January 6
Monday – Friday, January 6-10
Monday – Saturday, January 6-11
Thursday, January 9
Thursday, January 9
Monday, January 20
Monday, February 24
Tuesday, March 4th
Monday – Friday, March 3-7
Friday, March 7
Friday, March 7
Monday, March 17
Sunday, April 13
Friday, April 18
Monday – Friday, April 14-18
Tuesday, April 22
Wednesday, April 23
Thursday-Wednesday, April 24-April 30
Sunday, May 4
Thursday, May 8

May 12 – June 20
June 23-August 1
Wednesday, June 25
Wednesday, August 6
HISTORY
The history of Defiance College is as rich and distinctive as the area in which it is located. In 1794 Revolutionary War hero Anthony Wayne established Fort Defiance at the confluence of the Maumee and Auglaize Rivers. Fort Defiance became Defiance, Ohio, in 1836. Defiance College was founded in 1850 when the Ohio Legislature set aside acreage for the newly incorporated Defiance Female Seminary. Land for the campus was not procured until 1875, when Defiance resident William C. Holgate accepted $1,200 for nine acres in north Defiance. The Seminary held its first classes in 1885 and, despite its name, graduated its first class of four men and five women in 1888. In 1903 the name became The Defiance College.Shortly thereafter, the College became affiliated with the Christian Church which later became the United Church of Christ. The College's UCC affiliation continues today.

COLLEGE MISSION
Defiance College provides students with rigorous academic programming and distinctive and dynamic service learning experiences. Moreover, Defiance College is recognized as a leader in using ever-changing student-centered approaches to lifelong learning. As a United Church of Christ related college, the Defiance College community of engaged learners is dedicated to developing the whole person through instilling within our students a search for truth, sensitivity to our world and diverse cultures within it; and an ability to lead in their chosen professions in a spirit of global service. Defiance College emphasizes learning based on the four pillars of our educational philosophy: to know, to understand, to lead, and to serve.

TO KNOW
We believe that the liberal arts form a broad basis for all learning. We affirm that academic excellence demands a committed search for truth, competency in research and other problem solving methods, the ability to synthesize knowledge from many sources, and a capacity for self-directed learning.

TO UNDERSTAND
We provide opportunities for students to perceive and make connections between the intellectual realm and the world. We strive to develop awareness of and sensitivity to global interdependence and diverse cultures.

TO LEAD
We are committed to the betterment of the community, the nation, and the world through the development of leadership skills and abilities. We create opportunities for students to initiate and facilitate beneficial action in and out of the classroom and encourage self-reflection on the role of the dedicated leader.

TO SERVE
We encourage our students to be of service to their fellow students, their chosen fields of study, their communities and the world. We provide opportunities for students to transform society through civic engagement along with application of their knowledge and understanding to service.

COLLEGE VISION
Defiance College strives to offer students the individualized benefits of a student-centered, small college experience while also giving students a world of distinctive opportunities:

As a small college, DC works to help students grow as people, providing individualized attention in the classroom, the guidance of Personal Success Plans, mentoring, and assistance geared to the challenges and potential of each student. DC provides this in a rural, caring, and supportive setting, thereby enabling students to challenge themselves in new ways and grow as individuals, leaders, and citizens committed to service.

Through a broad array of curricular and extra-curricular activities, DC works to offer its students a world of opportunities, helping them to develop a distinctive Defiance College Resume that will enable them to stand out in the job market and when applying to graduate schools. From a broad-based liberal arts education; innovative programs that link what goes on in the classroom with the realities of the outside world and give students distinctive hands-on experience in their relevant fields; international and domestic travel opportunities; exposure to diverse cultural experiences; the use of technologies to bring the world into the classroom in Defiance; and unique service and research opportunities, DC aims to give students the tools they need to become life-long learners and to make distinctive contributions to a changing world.

EDUCATIONAL PHILOSOPHY
Defiance College emphasizes learning based on the four pillars of its mission, “to know, to understand, to lead, and to serve.” Within the tradition of liberal education, students experience broadly based learning in communication skills, critical thinking, moral development, the examination of global societies, and the abilities needed to function within a diverse society. Studies within the humanities, arts, sciences, and social sciences lead to an understanding of the complex, diverse world in which we live.

Because superior learning is a natural outcome of learning with engagement, the college strives to ensure that traditional liberal education is actively connected to the real world. Learning at Defiance is characterized by forging intellectual connections and engagement of the mind with the environment, the self with others, the individual with community, generality with context, and deliberation with action. As a result, students are expected to combine knowledge and understanding with active leadership and service as they develop reasoning abilities, superior professional skills, a well-developed sense of self and moral judgment, and an understanding of their civic roles and responsibilities.

Superior learning is realized through active engagement in undergraduate research, service learning, and campus organizations and activities. It is shared and expanded.
through interaction with like professionals and in leadership opportunities, cooperative education and internships, and partnerships with local, regional, national, and international organizations. The Defiance College education will provide students with the knowledge and experiences necessary for the improvement of the world of tomorrow.

COLLEGE LEARNING OUTCOMES

1. Develop effective communication skills, including the abilities to write and speak clearly and coherently.
   a) Demonstrate skill in public speaking including appropriate use of academic conventions.
   b) Demonstrate skill in writing including the ability to make and support an argument using appropriate academic conventions.

2. Develop the ability to think critically and utilize critical thinking skills when problem solving.
   a) Demonstrate the ability to accurately summarize information from written text and demonstrate understanding through drawing appropriate conclusions.
   b) Demonstrate the ability to critique opposing or alternative theories, arguments, or thesis.

3. Develop the ability to formulate value judgments; well-reasoned, ethically informed; and that give due consideration to the beliefs and individuality of others.
   a) Demonstrate an understanding of the ethical and moral implications of a given
   b) Demonstrate an understanding of various belief systems.

4. Develop an understanding of quantitative reasoning and the scientific method as they relate to understanding the world.
   a) Demonstrate the ability to think and express concepts using mathematics.
   b) Demonstrate an understanding of the scientific method in the context of the biological sciences.
   c) Demonstrate an understanding of the scientific method in the context of the physical sciences.
   d) Demonstrate an understanding of the scientific method in the context of the social sciences.

5. Develop an appreciation of the importance of history, literature and the arts for understanding the diverse and complex world in which we live.
   a) Demonstrate an understanding of how historical issues impact the present.
   b) Demonstrate an understanding of how literary forms and works help us to understand the human experience.
   c) Demonstrate an understanding of how the arts help us to understand the human experience.

6. Develop an understanding of the structures of societies and appreciate the importance of global societal differences.
   a) Demonstrate an understanding of the structures and processes of societies.
   b) Demonstrate an understanding of one's self within society.
   c) Demonstrate an understanding of global societal differences through comparing and contrasting another society to one's own.

7. Develop an understanding of the role of the citizen in communities through practical application of service, research and leadership activities consistent with a practical liberal arts education.
   a) Engage in a service activity, and reflect on the connections between one's self and the community.
   b) Identify the value of community involvement to the individual and to the community.
   c) Engage in a project within one's major which benefits a community or communities and demonstrate professional skills including research and leadership in implementing the project.

ASSESSMENT OF STUDENT LEARNING
Defiance College has developed a course-based process for the assessment of institutional learning outcomes. Within courses, both general studies and major, various outcomes are identified for assessment. Each student's performance on these outcomes is evaluated and reported to become part of an assessment database. This data is for institutional research only to assist in the improvement of instruction, curriculum, and resource allocation. Data of individual students are never divulged, have no effect on grading, and are held in the strictest confidence. To assist in documentation of the assessment process, examples of student work are collected and retained anonymously. Assessment of student learning in the major programs assists in the improvement of instruction, effective advisement, and career development.

ACCREDITATION
Defiance College is accredited by the Higher Learning Commission of the North Central Association of Colleges and Schools, 230 South LaSalle Street, Suite 7-500, Chicago, Illinois 60604-1411 (800-621-7440). The social work program is accredited by the Council on Social Work Education. The business programs are accredited by the International Assembly for Collegiate Business Education. The athletic training program is accredited by the Commission on Accreditation of Athletic Training Education. The Teacher Education Program has been reviewed and approved by the Ohio Department of Education using the teaching education standards by the National Council for Accreditation of Teacher Education. The Bachelor of Science in Nursing Degree Program is accredited by the Commission on Collegiate Nursing Education. The Social Work Program is accredited by the Council on Social Work Education.

UCC AFFILIATION
Proud of its heritage, Defiance College freely maintains its covenantal status as a United Church of Christ-related college, independent of church control.
The United Church of Christ supports colleges as part of its mission to and service for society, with the goal of nurturing men and women toward wholeness in competence and conscience. The theology of the United Church of Christ, affirmed by Defiance College includes:

- a belief in the God-given dignity and worth of each person and a deep concern for the development of whole persons;
- a recognition of the importance of interpersonal relationships and the fostering of growth in a caring community;
- a strong advocacy for open intellectual inquiry and academic freedom;
- a trust that the truths one discovers in the diverse fields of inquiry are ultimately interrelated;
- a positive ecumenical outlook moving beyond tolerance and acceptance to understanding and appreciation of both religious and cultural diversity;
- a recognition of the privilege and responsibility of stewardship, utilization of and respect for the resources of the natural world, individuals and institutions;
- service to others as an expression of faith and a way for life enrichment and fulfillment;
- the encouragement of critical ethical value formation consistent with one's faith; and
- a holistic view of life which attaches significance and worth to all honorable walks of life and human endeavors.

Defiance College, as a church-related institution, is privileged to represent the Christian faith fairly and credibly in an ecumenical atmosphere which allows individuals to make their own choices and commitments. In appropriate courses and campus activities, by staff and student example, and by planned and spontaneous encounter, Christianity is presented as a viable faith. Defiance College seeks to fulfill its mission inside and outside the classroom in ways which integrate the mental, physical, social and spiritual dimensions of human life.

**CAMPUS COVENANT***

Defiance College is a community of learners dedicated to nurturing the whole person of each of its members. We seek to inspire a commitment to know the truth, to understand our world, and the diverse cultures within it, to lead within our professions, and to serve our families, our communities, and our world as responsible citizens.

*Adapted from the University of South Carolina’s The Carolinian Creed and from the Defiance College statement covenantal status as a United Church of Christ related college.

**NON-DISCRIMINATION STATEMENT**

In its programs, activities, and policies, Defiance College does not engage in illegal discrimination as defined by applicable federal and state laws and regulations. Defiance College admits students regardless of race, color, creed, sex, national or ethnic origin, sexual orientation or disability. It does not discriminate against students, prospective students, employees or prospective employees because of race, color, creed, gender, national or ethnic origin, sexual orientation or disability. Any inquiries regarding the College's nondiscriminatory policies should be directed to the Affirmative Action Officer. Defiance College is authorized under federal law to enroll nonimmigrant alien students.

**STUDENT COMPLAINT POLICY**

Defiance College is required by North Central Association of Colleges and Schools to maintain a record of written student complaints filed with the office of the President, the Chief Academic Officer, and the Dean of Students. Such complaints must be written and signed by a student of Defiance College. The record will include information on the resolution of the complaint. Though the College is required to share this record with North Central Association, the anonymity of the complainant and others mentioned in the complaint is protected unless a release is signed by the complainant. Further information on this policy is available from the Office of Academic Affairs.

**RIGHT TO MODIFY**

The College reserves the right to make changes as required in course offerings, curricula, academic policies and other rules and regulations affecting students, to be effective whenever determined by the College. These changes will govern all current and formerly enrolled students. The College also reserves the right to require withdrawal of any student at any time, for reasons deemed sufficient, that will most effectively protect the welfare of its students and the interests of the College.
ADMISSION
Defiance College selects candidates for admission from those who evidence academic achievement, aptitude, and the ability to benefit from and contribute to the opportunities offered at the College.

CAMPUS VISIT
Prospective students and their families are strongly encouraged to visit. The Office of Admissions offers a variety of scheduled Campus Visitation Days or will design an individual visit based on the needs and interests of the prospective student.

Individual or group visits may be scheduled on-line or by contacting the Office of Admissions at 1-800-520-GO-DC or 419-783-2359 weekdays from 8:00 a.m. to 4:30 p.m., and most Saturdays 9:00 a.m. to 12:00 p.m. from September through May. The office may also be reached by e-mail at admissions@defiance.edu or by fax at 419-783-2468. Directions to the campus, hotel and restaurant information along with sites of local interest are available on the Defiance College website or upon request.

HOW TO APPLY
Prospective students may apply on-line at the admissions pages of Defiance College’s website at www.defiance.edu. Application materials and information can also be obtained by contacting the Office of Admissions by phone at 1-800-520-GO-DC or 419-783-2359; e-mail at admissions@defiance.edu; or fax at 419-783-2468. Completed materials may be mailed to:

Defiance College
Office of Admissions
701 North Clinton Street
Defiance, Ohio 43512

WHEN TO APPLY
Defiance College has a rolling admission policy and accepts applications for admission throughout the year. Candidates are encouraged to apply for admission at the earliest possible date, and no later than one month prior to the expected date of enrollment. An early application provides optimal opportunity for financial aid consideration, course selection, and campus housing. High school students are encouraged to apply in the fall of their senior year. Applications are accepted for the fall, spring or summer sessions.

ADMISSION REQUIREMENTS
The following are required to complete the application process:

1. A completed Defiance College application for admission.
2. A $25 non-refundable application fee. The application fee is waived for one of the following: an individual campus visit or attendance at an on-campus group visitation day (seniors and transfers only), applying online, or a College Board Waiver Form. A letter requesting a fee waiver from a high school guidance counselor will be reviewed by the Director of Admissions.
3. Official examination scores from the ACT Assessment (ACT) or the Scholastic Assessment Test of the College Examination Board (SAT) are required of all applicants to the freshman class. If two or more years have passed since high school graduation, this requirement may not be applicable. Information regarding registration, test dates, and locations may be obtained from a high school guidance counselor, the Defiance College Office of Admissions, or from American College Testing Program, 2201 N. Dodge Street, PO Box 451, Iowa City, IA 52243 or www.act.org. Also from The College Board, PO Box 6200, Princeton, NJ 08541 or www.collegeboard.com. Defiance College’s college code number should be placed on the examination for the official reporting of scores to Defiance College. The Defiance College code for the ACT is 3264. The Defiance College code for SAT is 1162.
4. An official high school transcript sent directly from the high school, or test results from the General Educational Development Test (GED).
5. An official transcript from each college and university attended sent directly from the institution to the Defiance College Office of Admissions.
6. A personal interview may be required of some students upon stipulation by the Director of Admissions.
7. A sample of the student’s writing ability may be required of some students upon stipulation by the Director of Admissions.
8. Home schooled students are expected to complete the college preparatory units listed in the admissions criteria section below, substantiated by supporting documentation from an approved home school association or local school district.

INTERNATIONAL STUDENT ADMISSION
The following are required to complete the application process:

1. A completed Defiance College International Student Application for Admission.
2. A US $25 (twenty-five American dollars) non-refundable application fee. The application fee will be waived if the application is submitted electronically at www.defiance.edu.
3. Official transcripts of all secondary and post-secondary grades and course work. If these transcripts are not in English, a certified translation must be provided. Foreign transcripts must be submitted for independent evaluation of equivalency by an acceptable credential evaluation agency. World Education Services and the Office of International Education Services of the American Association of Collegiate Registrars and Admissions Officers (AACRAO) are two acceptable credential evaluation agencies. Contact the Defiance College Office of Admissions for additional information. The evaluation will be at the student’s expense.
4. An official score report of the Test of English as a Foreign Language (TOEFL). English language proficiency must be demonstrated by a minimum score of 550 (paper) or 213 (computer-based). Information on
this test can be obtained at www.toefl.org.


6. A signed copy of the Understanding Agreement. Additional information may be obtained at the Immigration and Naturalization Service’s website: www.ins.gov or by calling the INS Service Center at 1-800-375-5283.

ADMISSION CRITERIA
To be considered for full admission in good standing, applicants must supply evidence of likely success as a Defiance College student including:

FOR APPLICANTS TO THE FRESHMAN CLASS:
1. A high school diploma, GED certificate, or equivalent.
2. A secondary school academic record indicating a minimum of a 2.25 cumulative grade point average (4.00 scale) and an ACT composite score of 18 or an SAT combined critical reading and math score of 860.

It is recommended that students complete a college preparatory curriculum including:
- English — four units
- Mathematics — three units
- Science — three units
- Social Studies — two units
- Foreign Language — two units of the same language
- Visual and/or Performing Arts — one unit

FOR TRANSFER STUDENTS:
1. A high school diploma, GED certificate, or equivalent.
2. A secondary school academic record indicating a minimum of a 2.25 cumulative grade point average (4.00 scale), if less than 18 college credits earned.
3. An official transcript from each college or university attended. Applicants must have a minimum of a 2.0 cumulative grade point average (4.0 scale) from all colleges attended.

FOR 1+2+1 NURSING STUDENTS:
- Admission to Defiance College
- A Northwest State Community College application for admission must also be completed simultaneously with the Defiance College application process to be eligible for the 1+2+1 Nursing program

NOTE: Acceptance to Defiance College and meeting the minimum application requirements does not guarantee a student entrance into the nursing program at Northwest State Community College (see below).

Entrance into the Associate Degree Nursing Program at Northwest State Community College is a competitive process and requires an individual to:

- Complete the application process at both Defiance College and Northwest State Community College
- Complete an applicant review process, which includes an evaluation of overall academic performance by the Program Director at the end of the first semester at DC
- Successfully complete first-year coursework in the Nursing major including general education requirements, the State Tested Nurse Aide (STNA) Certification class, and the *NLN PAX-RN with ≥ 50th percentile in all areas tested

Nursing students will be notified by June 1 of their acceptance into the nursing program at NSCC based on their first year progress at DC. The State Tested Nurse Aide Certification is required prior to attending NSCC.

*Students may retake the NLN PAX-RN preadmission exam ONE time only. You must wait six months after the original exam before retesting.

FOR RN TO BSN NURSING STUDENTS:
- An official transcript from each college or university attended; Transcripts will be reviewed and a plan of study will be prepared for the courses needed.
- Associate degree or diploma in nursing from an NLN accredited institution
- Valid and unencumbered Ohio registered nursing license (for new graduates, licensure is required before the first clinical course)
- A minimum grade point average of 2.75 on a 4.0 scale on all prerequisite courses
- Maintenance of a “C” or above in all prerequisite courses
- Courses taken at other colleges may be used to satisfy prerequisite requirements.

BACHELOR OF SCIENCE IN NURSING ACCREDITATION
*The RN to BSN Completion Program is accredited by the Commission on Collegiate Nursing Education, One Dupont Circle NW, Suite 530, Washington, DC 20036, phone: 202-887-6791 and the Higher Learning Commission of the North Central Association and approved by the Ohio Board of Regents. The Associate Degree Nursing Program at Northwest State Community College is fully approved by the Ohio Board of Nursing and accredited by the National League for Nursing Accrediting Commission. (NLN contact: 3343 Peachtree Road NW, Atlanta, GA 30326 phone: 404-975-5000; fax: 404-975-5020.

ADMISSIONS DECISION
Each candidate for admission is reviewed individually with careful consideration given to academic records, test scores, autobiographical statements, and the ability to benefit from and contribute to the opportunities offered at Defiance College. Defiance College does not engage in illegal discrimination against prospective students because of race, color, religion, gender, age, national and ethnic origin, disability, or sexual orientation. Defiance College reserves the right to deny admission to any applicant in the best interest of the student or the institution.
When a candidate has completed the application process, one of the following decisions will be made:

1. **Full Admission in Good Standing**

2. **Conditional Admission (for applicants to the freshmen class)** The Admissions Review Committee evaluates all applicants to the freshmen class who fail to meet the minimum admissions criteria and recommends to the Director of Admissions the appropriate admission status for each candidate. Freshmen students who demonstrate ability and motivation to achieve academic success are granted conditional admission. Students granted conditional admission may be required to participate in provisions established by Defiance College to promote academic achievement. These provisions may include a reduction in course load, enrollment in specific classes and engagement in designated services and programs.

3. **Admission on Academic Probation (for transfer student applicants)** The Admissions Review Committee evaluates all transfer student applicants who fail to meet the minimum admissions criteria and recommends to the Director of Admissions the appropriate admission status for each candidate. Transfer students who demonstrate ability and motivation to achieve academic success are granted full admission on academic probation and are expected to earn a 2.00 or higher grade point average in the first semester of enrollment.

4. **Provisional Admission**
In some cases, students will be given provisional admission based on self-reported information or unofficial documents pending receipt of official documentation to complete their application file. If official documentation arrives in the time period allowed, and is consistent with prior information, the student will be granted full admission in good standing or conditional admission as appropriate.

5. **Denied Admission**
The Director of Admissions determines denial of admission to Defiance College. An applicant denied admission has the right to appeal such a decision in writing to the Vice President for Enrollment Management, provided the applicant can present relevant additional information indicating ability and motivation to achieve academic and social success.

**RE-ENROLLMENT**
Former Defiance College students who have withdrawn from the College or have failed to maintain continuous enrollment may apply for re-enrollment. Re-enrollment is required if the student is separated from Defiance College for more than one semester or is enrolled at another college or university since the last enrollment at Defiance College. Students who have completed an official leave of absence from Defiance College and who have followed the prescription of the terms of that agreement are exempted from these requirements.

The following are required to complete the application for re-enrollment:

1. A completed application for re-enrollment (available from the Registrar's Office or online at: http://www.defiance.edu/pages/RC_download_forms.html).
2. An official transcript from each college and university attended in the interim sent directly from the higher education institution to the Registrar's Office at Defiance College.
3. A suspension/dismissal form completed by the previous college or university, if the student was suspended or dismissed either for academic or social reasons.

**NON-DEGREE SEEKING STUDENT ADMISSION**
Individuals interested in taking courses at Defiance College who do not wish to work toward a degree may be permitted to enroll as a non-degree seeking student. Course work is limited to a part-time basis not to exceed eight credit hours per semester. A student may enroll in a maximum of 30 credit hours under this status.

Non-degree seeking students applying for admission to the College must have a minimum of a 2.0 cumulative GPA after completing at least 12 credit hours.

**TRANSIENT STUDENT ADMISSION**
Students who are enrolled in another institution and wish to take a course from Defiance College are required to submit to the Registrar's Office:

1. A completed transient student application form (available from the Registrar's Office or online at: http://www.defiance.edu/pages/RC_download_forms.html).
2. A statement of approval from the student's home institution.
3. A $25 non-refundable transient student registration fee.

**POST SECONDARY ENROLLMENT OPTIONS**
(Dual Enrollment Options)
Defiance College participates in the Ohio Post-Secondary Enrollment Option — Dual Enrollment program. Interested students should first contact their high school guidance counselor for information on this program. Additional information is available from the Office of Admissions.
ENROLLMENT DEPOSIT
An enrollment deposit of $150 is required of all new full-time students by May 1 for fall entry to the College to confirm intention for enrollment. Defiance acknowledges the “Candidates Reply Date” of the National Association for College Admission Counseling. Therefore, written requests for extensions until May 1 will be granted, and such requests will not jeopardize a student’s status for admission or financial aid. Deposits submitted earlier for the fall semester are refundable until May 1 and until December 1 for the spring semester.

PREPAYMENT OF TUITION
A prepayment tuition deposit of $150 is required by May 1 for all returning full-time students. Failure to make the prepayment on time may preclude registration in the fall and may delete the scheduling and housing contract. A full refund will be made to a student who withdraws from all classes prior to August 1 for fall enrollment and requests a refund in writing to the Business Office by August 1.

SCHEDULE OF TUITION AND FEES
Per Semester 2012-2013
Defiance College reserves the right to change tuition and fees, rates for room and board, or any other charges when necessary because of economic or other conditions. Announcement of such changes will normally be made before the beginning of the school year or term in which a rate change becomes effective.

Any currently enrolled Defiance College student may view his/her current term billing statement and other records on-line by accessing https://www.defiance.edu/onestop. The web interface may be accessed from any computer with access to the Internet and the proper browser software. Login requires the student’s DC username and password. These may be obtained from the Registrar’s Office.

Tuition (12-17 credits per semester) $13,370
Part-time, Undergraduate Tuition: $430 per credit hour
Overload: (over 17 credits per semester) $430 per credit hour
Graduate Tuition: $465 per credit hour
Room:
McReynolds/Whitney Hall $2,445.00
Jacket Suites $2,445.00
Grand Avenue $2,540.00
Super Single add $625.00 to the room price
Meal Plan: (If a resident student, meal plan is required)
19 meals + $70/Semester Flex Spending* $1,980.00
14 meals + $100/Semester Flex Spending* $1,900.00
10 meals + $130/Semester Flex Spending $1,820.00
Apartment Residents with 84 credits earned: $800.00
75 meals + $70/Semester Flex Spending $1,235.00

*Resident Freshmen are required to participate in the 1 Meal Plan option. Athletes are required to participate in the 19 or 14 Meal Plan option.

OTHER FEES AND CHARGES
Admission Application Fee: $25

Course Fees (other fees may apply):
Student Teaching: $520 non-refundable fee
Art Fees: $50 fee for photography, metals, intermediate drawing, intermediate 3D design, all ceramic courses including studio, all printmaking courses including studio.
Digital Forensics: $60 fee for CF105
Graphic Design Fees: $30 fee for intermediate and advanced graphic design; $20 fee for graphic design principles and basic computer design
Portfolio Fees: $100 fee for reader and $70 per credit hour for addition to transcript.
Music Charges: In addition to regular tuition, applied music instruction is $200 per credit hour (one half-hour private lesson per week).

Senior Citizen Tuition: Per course $135. Any person who has reached 60 years of age by the first day of the term may enroll in an undergraduate course for this reduced fee.

Auditing Courses: Any undergraduate student may audit a course. Auditing fee is $105 per credit hour. When class size is limited, full-fee students have priority. Full-time students may receive one free audit per semester. Private music instruction, graduate level and Design for Leadership classes may not be audited. There are no refunds on audited courses.

Non-Traditional Credit: Credit by Examination, Past Work Experience, and validation of non-collegiate learning: $70 per credit hour. Demonstrated proficiency fee: $70 per course.

Student Fee: A $145 non-refundable student fee is charged to full-time students each semester of enrollment. This fee is distributed to support student activities, student organizations, and use of the George Smart Athletic Center.

A $95 non-refundable student fee is charged to part-time students each semester of enrollment. This fee is $30 each summer term. This fee is distributed to support services to students, including technology and use of the George Smart Athletic Center.

Technology Fee: A $165 non-refundable fee is charged to all full-time students each semester of enrollment. This fee is used to improve all campus technology.

Affiliated Program Student Fee: This fee applies to students continuing their Defiance College education at other institutions, such as BSN 1-2-1 students and similar concurrent programs. A $260 fee is charged each applicable fall and spring semester to support student services and activities, student organizations, use of the George Smart Athletic Center, and technology access. Students will be scheduled in a DC course (GS299 or GS399 without a tuition charge) in the fall and spring semester to continue their relationship with Defiance College throughout their time as an affiliated program student.
Residential Fee: Resident students are assessed a onetime non-refundable fee of $80. Other fees may be charged for key and card replacement, improper check-out, and room damage.

Late Registration Fee: A $100 non-refundable fee may be assessed to students who do not complete the registration payment process by the payment due dates as published on student billing statements.

Return Check/Dishonored Electronic Transaction Fee: $30 per occurrence. Fee assessed as a result of the check or electronic transaction not being honored.

Health Insurance Fee: Health insurance is required for all full-time students, and optional for students enrolled for six to eleven credit hours. Cost estimates for the 2012-2013 academic year are listed below. The fee is waived if proof of other insurance coverage is provided prior to the start of term and thereafter is non-refundable.

<table>
<thead>
<tr>
<th></th>
<th>Annual</th>
<th>Spring/Summer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Student</td>
<td>$590</td>
<td>$354</td>
</tr>
<tr>
<td>Spouse</td>
<td>$1707</td>
<td>$1024</td>
</tr>
<tr>
<td>Each Child</td>
<td>$1233</td>
<td>$739</td>
</tr>
</tbody>
</table>

Room and Meal Plan Change Fee: A change should be requested and approved by the Vice President of Student Engagement/Dean of Students by July 1 for fall and November 1 for spring. Students who change their housing or meal plan status after the school year begins will have institutional aid adjusted accordingly. Students will be assessed a non-refundable housing change fee of $50 and non-refundable meal plan change fee of $50.

Withdrawal Processing Fee: A $50 fee is charged for students who withdraw from college after the first four days of fall or spring semesters or the first two days of a summer term.

Transcripts: An official copy of a student’s record, with the College seal and Registrar’s signature, $5. On demand transcript processing is an additional $10.00. An official college transcript can be requested from the Registrar’s Office online at: http://www.defiance.edu/pages/RC_transcript.html. An unofficial copy of a current student's transcript can be accessed on a student’s Onestop account. A transcript may be denied if a student has not supplied the Registrar’s Office with an official high school transcript with graduation date, official college transcripts if applicable, has not completed student loan exit counseling, paid a library fine, or paid the balance on his/her student account or for any other charges outstanding.

Vehicle Registration Fees and Fines: All motorized vehicles on campus must be properly registered with the Office of Student Life. Registration is $50 per academic year ($25 if enrolling after fall semester). The Student Handbook has additional information regarding the parking policy.

Library Fines and Billing: A $2 per day fine will be charged for failure to promptly return a recalled item. There is a 50-cent per day fine, for the first 29 days, for items not returned by the due date. Items are assumed lost after 30 days of being overdue. You will be charged $125 for each lost item. The $125 lost item charge includes: a $75 replacement fee, a $35 billing fee, and the original $15 fine. You will not be able to borrow additional items from the Library until you either return the lost item(s) or pay $125 per lost item. The $75 replacement fee will be waived for each lost item returned within two months of being billed. However, you will still be required to pay the original $15 fine and the $35 billing fee for each item returned.

Recall, renewal overdue and billing replacement notices are sent to your college email account. Failure to take action on notices or bills does not exempt you from paying fines or replacement charges. Nonpayment may result in the withholding of grade report card, transcripts, and/or diplomas. Outstanding amounts due are forwarded to the Business Office on the first business day of each month and added to your account.

INTERNATIONAL STUDENT ADMISSION
International students must pay, in full, tuition, insurance and room and board by the payment due dates as published on student billing statements.

PAYMENT OF ACCOUNTS
Registrations are accepted only for a full semester, term, or other clearly defined period. Bills are due and payable in full on or before August 1 for Fall, December 1 for Spring or as published on student billing statements. Students not completing the registration payment process by the due dates may be assessed late fees. Grade report card, diploma, transcripts and other services may be withheld for any unpaid balance.

DEFERRED PAYMENTS
Persons who find it inconvenient to make lump sum payments at the beginning of each semester may make deferred payment arrangements through the DC Monthly Payment Plan. DC students may choose to pay their college expenses through four monthly installments per semester. There is a $30 per semester non-refundable application fee for automatic payments; $50 per semester non-refundable application fee for payer initiated payments. Payments are due by the first of each month. If your payment is not received by the due date a $30 per month late fee may be assessed. It is your responsibility to inform the Business Office of any adjustments to your account that would alter your payments. Students cannot pay the following through the Plan: Library fines, parking fines, bookstore charges, telephone charges, or miscellaneous charges. It is the student’s responsibility to know the payment due dates and to make the payments on time.

Students whose employer has a tuition support plan may qualify for deferred payment. Only employer-approved courses are included and deferral is not allowed for books, fees, or other supplies. The option is limited to students in good academic and
financial standing as defined by the college’s undergraduate and graduate catalogs. Details and procedures for this deferral option are available from the Business Office and the Center for Adult Programs.

FINANCIAL STATUS

By registering for classes or completing a housing or meal plan application, a student incurs a legal obligation to pay tuition, fees, room, and board and other associated charges and fees.

To be considered in good financial standing, students must complete financial arrangements on or before open registration day, which for returning students includes any unpaid balances due. Failure to do so may deny the student the right to attend classes and other college services may be withheld.

To continue in good financial standing, students must complete all required financial aid procedures, meet all deferred payment deadlines, and make other arrangements for any student loans which might be denied. Failure to do so will result in the account being delinquent (in default) and may result in one or more of the following actions: transcripts of student records will not be released, diplomas of graduating seniors will be held, and the student may be administratively withdrawn from the College.

Non-current accounts may be referred to outside collection agencies. The student shall pay all the College’s cost of collection. This includes, but is not limited to, a collection agency fee and/or reasonable attorney’s fees. Collection agency costs, along with penalties and interest incurred to collect accounts, may be added to the balance due from the student.

REFUND POLICY

Withdraw from Course:
Students who withdraw from a course shall receive a tuition credit based on the official withdrawal date as determined by the Registrar’s Office. Courses dropped prior to the drop date of the semester receive full tuition credit. After the drop date, the tuition credit is based on the percentage of days enrolled in the course up to 60% of the enrollment period. After the 60% date, tuition will be charged in full.

Withdraw from Courses affecting Full Time status:
Full time students who withdraw from courses and become part time shall receive a tuition credit based on the official withdrawal date as determined by the Registrar’s Office. Courses dropped prior to the drop date of the semester receive full tuition credit. After the drop date, the tuition credit is based on the percentage of days enrolled in the course up to 60% of the enrollment period. After the 60% date, tuition will be charged in full. A change in enrollment from full time to part time may impact the student’s eligibility for financial aid. (See Financial Aid Office)

Withdraw from the Institution:
To begin the withdrawal process the student must contact the Registrar’s Office to obtain an official withdrawal application.

Withdrawals prior to the drop date of the semester receive full tuition credit. When students begin classes but fail to complete the period of enrollment for which they were charged, the tuition and financial aid refund is calculated based on the percentage of days enrolled up to 60% of the term. After the 60% date, tuition will be charged in full. Housing costs are prorated and the meal plan is prorated plus one-week based on the official date of withdrawal from campus housing. When withdrawal is involuntary for disciplinary reasons, the full institutional charges will apply.

The refund formula measures the actual number of days enrolled during the semester. It is determined by dividing the number of days enrolled by the number of days in the enrollment period including weekends and holidays, except Thanksgiving break and spring break. The College follows federal laws to determine the amount of Title IV program assistance that the student has earned if the student withdraws from school.

A student will not be issued a cash refund on any credit balance until the refund calculation process is complete. Any credit balance remaining on the student’s account that is from institutional funds will not be issued as a refund to the student.

Any outstanding balance on the student’s account is due immediately. The student may also be responsible for any library fines and room damage fines. A withdrawal fee of $50 is assessed for withdrawing at any time from the institution.

The following items are non-refundable:
- Activity fee
- Audit fee
- Course related fees
- Deferred payment plan fees
- Finance charges
- Late fees (payment plan or registration)
- Returned check/dishonored electronic transactions
- Residence fee or damages or fines
- Technology fee
- Student health insurance
- Transient student registration fee
- Withdrawal fee
- All other institutional fees
FINANCIAL AID OFFICE
Location: Serrick Campus Center Room 204
This office handles federal and college financial aid.
Hours: M-F 8:30-4:30
Phone: Extension 2458

Financial assistance awarded by Defiance College consists of any combination of the following: scholarships and grants, loans, and/or work study. Scholarships and grants may be from federal, state, Defiance College or private sources, and do not require repayment. Loans are available from several programs and require repayment. Work-study requires that students obtain campus employment. Ninety-eight percent of full-time Defiance College students receive financial assistance through some combination of scholarships, grants, loans and work-study.

Financial aid is administered to students who demonstrate financial need as determined by the FAFSA (Free Application for Federal Student aid) or who meet the requirements for gift or self-help aid programs. Defiance College financial aid is available through both merit and need-based scholarship and grant assistance to students who meet the prescribed criteria.

APPLICATION FOR FINANCIAL AID
Students must first apply and be accepted for admission to the College. Students who wish to be considered for federal loans or need based aid must complete the FAFSA every year. Defiance College's priority filing date is April 1. The FAFSA is available for completion at www.fafsa.ed.gov. Students, who are not able to complete the FAFSA on-line, may obtain a paper FAFSA by contacting the Defiance College Financial Aid Office. First-time students will receive their financial aid award notification by mail. The award must be signed, dated and returned by the designated reply date. Returning students will receive their financial aid award notification by e-mail. The award letter will be available on their One Stop Account. The student must respond to the award by the designated reply date. Both first-time and returning students have the option to accept or reject any part of their financial aid award.

RENEWAL OF FINANCIAL AID
Financial aid is awarded with the understanding that it may be renewed from year to year. Renewal of aid is dependent upon continuing financial need, academic performance, housing status, and availability of funds. Changes in parent or student income, assets, household, number in college, and cumulative grade point average may affect renewal of federal, state, and Defiance College aid. Scholarships and grants may require an annual application and/or the maintenance of a specified grade point average for renewal. Students who desire renewal of loans or need-based aid must complete the FAFSA for the aid year that the awards are received.

ENROLLMENT AND ELIGIBILITY
Following are the enrollment requirements for the various aid programs. If a student changes enrollment after the aid is awarded, the aid may be adjusted.

- enrollment level (three credits and higher) - Pell Grant, State grants, SEOG and OCOG
- at least half-time (6 credits per semester) - Federal Direct Loans, Plus Loans, GradPLUS Loans
- full-time (12 credits or more per semester) - Defiance College Scholarships and Grants, Perkins Loan, Student Employment

REVISIONS OF AID PACKAGES
The DC Financial Aid Office has the right to revise financial aid packages according to federal, state, and institutional policies and regulations. Aid awards will be revised when there are changes in originally reported information or when additional scholarships are received.
FEDERAL FINANCIAL AID
REFUND / WITHDRAWAL
DC students who receive federal financial aid and do not complete their classes may be responsible to repay a portion of the aid received according to federal law. DC must calculate how much federal financial aid you have earned if you withdraw or stop attending before completing 60% of the enrollment period. Federal financial aid covered under this regulation includes the Federal Pell Grant, Federal SEOG, Federal Direct Subsidized Loan, Federal Direct Unsubsidized Loan, Federal Perkins Loan and Federal Parent Loan for Undergraduate Students (PLUS).

If you receive federal financial aid you must “earn” the aid received by staying enrolled in school. The amount of federal financial aid assistance you earn is determined on a pro-rata basis. If you withdraw or stop attending classes during the enrollment period, your financial aid award may be affected. The percent earned is determined by dividing the number of days enrolled by the number of days in the enrollment period including weekends and holidays, except Thanksgiving break and spring break.

Instructions for withdrawing from college are included in the academic section of the catalog. The withdrawal date is the official date recorded by the Registrar. The timing of your decision to withdraw should not be based on the impact to your financial aid. You should contact your academic advisor or the retention office to discuss the reason for your withdraw. Financial aid cannot perform the withdrawal calculation until your withdraw date is officially recorded with the Registrar.

DC and the student are both responsible for returning unearned funds to the appropriate programs. Federal monies will be returned in the following order Unsubsidized Federal Stafford Loan, Subsidized Federal Stafford Loan, Federal Perkins Loan, Federal PLUS Loan, Federal Pell Grant, and Federal SEOG.

If you owe any money to DC resulting from the withdraw calculations, you will receive a bill. For all outstanding charges, you must make payment arrangements with the Bursar. If you do not repay DC for the charges resulting from the refund policy, your records will be placed on financial hold. This means that you will not be able to register for classes or receive transcripts or other services until the balance is paid. Outstanding accounts due to DC may also result in collection agency action, collection costs and negative credit bureau reporting.

OUTSIDE SCHOLARSHIPS
Unless otherwise specified by the donor or organization, outside gift aid will replace existing self-help aid. Recipients of outside financial aid awards are required to submit to the Defiance College Financial Aid Office notification of any outside awards as soon as possible. Acceptable documentation will include a letter from the organization or donor that specifies the terms of the scholarship, total dollar amount, and renewal information. Again, submit as soon as possible to ensure the award will be credited to your account.

VERIFICATION
Selection for verification is normally determined by the U.S. Department of Education. Students will receive a message on their FAFSA results known as a Student Aid Report (SAR) indicating the selection. Students must submit a signed and complete verification worksheet and any appropriate signed tax returns. Verification must be complete before any federal aid, state need-based aid, or DC need-based aid can be disbursed. Documents must be submitted by the beginning of the semester. Failure to complete the verification process may result in loss of aid and an administrative withdrawal.

SATISFACTORY ACADEMIC PROGRESS FOR FINANCIAL AID
Under federal guidelines, students must meet satisfactory academic progress to continue receiving financial aid. Reviews are completed annually at the completion of all summer terms. Students who do not meet the qualitative or quantitative standards will have their financial aid suspended until satisfactory academic progress has been met according to Defiance College standards. Financial aid that is not impacted by federal guidelines may continue at the discretion of Defiance College.

Students suspended from financial aid may submit a written appeal to be reviewed by the Satisfactory Academic Progress Appeals Review Committee. Members of the Committee will be appointed by the Chief Academic Officer in consultation with the President. The Director of Financial Aid will serve as an ex-officio, non-voting member of the Committee. If the appeal is granted, the student will be placed on financial aid probation for one semester with an academic plan which will be established by the Committee and the student. The individual academic plan will establish the criteria for continued financial aid for future semesters, and will be reevaluated and potentially updated after each semester of enrollment. The student will continue to be monitored each semester thereafter. Students on financial aid probation may continue to receive financial aid if they show progress according to the academic progress stipulations outlined in their academic plan or otherwise re-establish financial aid eligibility.

Students who are no longer receiving financial aid may reestablish satisfactory academic progress by continuing with their coursework without the benefit of financial aid.

Students will be notified in writing of the committee's decision.

Qualitative:
Students must earn the following minimum cumulative grade point averages to meet the qualitative requirement for satisfactory academic progress for financial aid.
A student who falls below this minimum will be placed on financial aid suspension.

For Satisfactory Academic Progress for financial aid purposes, an academic year comprises cumulative credit hours attempted during the consecutive enrollment periods beginning Fall semester and including the following Spring semester and summer terms.

Quantitative:
Student's cumulative course work will be evaluated at the completion of the annual review period in order to measure satisfactory pace towards degree completion. All courses attempted are considered in this calculation (remedial, letter grades, pass/fail, withdrawn, academic second chance, repeated courses, incompletes and hours transferred in from other schools as determined by the Registrar's Office). The following standards must be achieved in order to meet satisfactory academic progress in good standing.

% of course work passed

<table>
<thead>
<tr>
<th>Cumulative GPA</th>
<th>Time Period</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.0</td>
<td>completion of one academic year at DC</td>
</tr>
<tr>
<td>1.65</td>
<td>completion of second academic year at DC</td>
</tr>
<tr>
<td>1.83</td>
<td>completion of third academic year at DC</td>
</tr>
<tr>
<td>2.0</td>
<td>completion of fourth academic year at DC and thereafter</td>
</tr>
</tbody>
</table>

A student who falls below this minimum will be placed on financial aid suspension.

Maximum Time Frame:
Students not completing their programs of study within 150% of the total credit hours required for the completion of their degree program at Defiance College will have their financial aid suspended. Students suspended for maximum time frame will also have the option to appeal for extenuating circumstances.

The quantitative and qualitative standards used to judge academic progress include all periods of the students’ enrollment, even periods in which the student did not receive FSA funds and any transfer credit hours evaluated by the Defiance College Registrar's Office.

Example of hours for maximum time frame:

<table>
<thead>
<tr>
<th>Degree</th>
<th>Hours Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelors</td>
<td>120 x 150% = 180 maximum hours</td>
</tr>
<tr>
<td>Associates</td>
<td>60 x 150% = 90 maximum hours</td>
</tr>
<tr>
<td>Masters</td>
<td>33 x 150% = 49 maximum hours</td>
</tr>
<tr>
<td></td>
<td>36 x 150% = 54 maximum hours</td>
</tr>
</tbody>
</table>

A student who falls below this minimum will be placed on financial aid suspension.

Appeals
Students may appeal a financial aid suspension. Appeals will be submitted to the Satisfactory Academic Progress Appeals Review Committee. The appeal should include the following:

- The appeal should explain in detail the reason(s) that satisfactory academic progress was not achieved and what has changed or will change to enable the student to improve his/her academic performance.
- The appeal should provide the actions the student proposes to take to bring his/her academic standing into compliance.
- The appeal should provide relevant supporting documentation, as appropriate.
- The Committee will determine whether an extenuating circumstance warrants the granting of an appeal or not. Examples of possible extenuating circumstances may include items such as: death, injury, or illness of a relative or other significant person in the student's life; injury or illness of the student; or other special circumstances (such as, for example, events or circumstances outside the control of the student; change in the student's major; difficulties adjusting to DC that can be remedied by action of the student in the future; shortness of time or relatively few attempted credits at DC; etc.) The Committee will document in writing the basis for its decision to grant or deny an appeal.

VETERAN EDUCATIONAL BENEFIT CERTIFICATION
Certification of veterans for educational benefits is processed by the Registrar's Office. Registration Associate, Carrie Relyea, is the Defiance College VA Certifying Official and can be reached at registrar@defiance.edu or at 419-783-2551.

Defiance College is approved by the Department of Veterans Affairs for education programs including the Montgomery GI Bill and the Post-9/11 Bill Yellow Ribbon Program. Application for VA benefits should be made online and is processed by the VA Regional Office in St. Louis, Missouri. To find out more about VA benefits, you may visit their website at www.gibill.va.gov/ or contact the VA at 1-888-442-4551. Additional Information about application for admission to Defiance College, financial aid and registration procedures can be found on the Defiance College website at http://www.defiance.edu/pages/vet_home.html.

When registering for classes, keep in mind that the VA will not pay for any classes that do not count toward the major. The VA periodically checks all applicants to ensure that the courses being taken are relevant to the student's declared major. Failure to comply with this policy could lead to the VA billing the student for benefits received for courses that do not count toward the major. Certification of veterans for educational benefits is processed by the Registrar's Office.
CULTURE OF ENGAGEMENT
Recognizing the fundamental responsibility of colleges and universities to educate students committed to the public good, Defiance College is intentionally creating a dynamic Culture of Engagement. All students are provided opportunities to link their academic learning in the classroom with meaningful work in communities locally, regionally, nationally, and internationally.

There are three interrelated components of the Culture of Engagement:

- **learning engagement** - students do not merely get knowledge, they make knowledge;
- **community (civic) engagement** - students learn why and how to be democratic leaders through service learning, public learning, and volunteerism;
- **cultural engagement** - students learn to appreciate, understand, and deal effectively with other cultures in a global world.

THE McMaster SCHOOL FOR ADVANCING HUMANITY

The McMaster School for Advancing Humanity was founded in 2002 through the generosity and vision of the McMaster family. It was designed to serve as a focal point for teaching, service, scholarship, and action to improve the human condition worldwide. The mission of the McMaster School is:

- To educate students for responsible citizenship;
- To produce committed global citizens and leaders who understand the importance of individual liberties in improving the human condition worldwide; and
- To encourage graduates to take an active role in addressing these issues in whatever professions they may choose.

The School serves as a catalyst for innovative, interdisciplinary, community-based work by creating and supporting opportunities for teams of faculty, students, and staff to use their academic and professional skills to address a community need. Information about all McMaster School programs can be found at www.defiance.edu/mcmaster_school.html.

Central to the McMaster School for Advancing Humanity is the Scholars and Fellows program. Each year the McMaster School supports 20-25 students in the McMaster Scholar program and 5-10 faculty members in the McMaster Fellow/Associate Fellow Program.

The McMaster Scholars Program provides small research and travel grants to support student scholars who successfully complete a competitive selection process. McMaster Faculty Fellows and Student Scholars work collaboratively in a learning community throughout the academic year to design and complete their projects, as well as develop presentations for the McMaster Symposium and scholarly articles.

Successful projects for both McMaster Fellows and Scholars clearly address the goals of the McMaster School, which are:

- To critically examine the root causes of human suffering through community-based research that addresses systemic factors that impede human progress;
- To give students the knowledge and capacities to be active world citizens and to view themselves as members of the world community;
- To contribute actively through sponsored scholarship and service to the improvement of the human condition worldwide;
- To exchange, create, and disseminate knowledge about successful models of active citizenship and public service; and
- To create at Defiance College one of the nation’s premier undergraduate educational programs with a focus on scholarship and service, with a special emphasis on developing an innovative approach to teaching.

McMaster Fellows and Scholars work with local communities both nationally and internationally. The McMaster School also houses several other engagement programs.

THE McMaster CERTIFICATE PROGRAM

McMaster Scholars are offered the opportunity to enhance the community-based research that takes place in their learning community by participating in the McMaster Certificate Program. In addition to the completion of their individual learning community requirements, students may choose to pursue a McMaster Certificate, which is intended to recognize their work and to help them gain a deeper understanding of the political, social, and economic issues associated with their location of study.

Requirements (total 10 credit hours):

Students must successfully apply for and complete the requirements of a McMaster Scholar within a McMaster Learning Community.

Apply for the McMaster School for Advancing Humanity Certificate Program upon the completion of the McMaster Scholar/Learning Community experience.

Participate in a minimum of four "Constitutional Conversations" co-curricular campus debate/discussions.

And select one of the following courses:

- PS237 American Government and Politics (3) OR
- HI/PS336 History of the US Constitution (3)

And select one of the following courses:

- HI328 Political Geography (3) OR
- IS300 Conflict Resolution/Peace Studies (3) OR
- NS392 Global Sustainability (3) OR
- SW265 Cultural Diversity (3)

And enroll in:

- PS337 Comparative Social and Political Systems (1)
THE SERVICE LEADERSHIP PROGRAM

The Service Leadership Program provides partial tuition scholarships for new students who are committed to community change through service and can demonstrate a record of service during their high school careers. Service Leaders participate in unique and exciting programs that develop their leadership skills and strengthen their individual career interests. Service Leaders also have opportunities to travel to relevant conferences, trainings and to engage in service learning off campus nationally and/or internationally. The scholarship is renewable for up to four years.

WHAT DO SERVICE LEADERS DO?

- Develop a deeper understanding & practice of community engagement and democratic practice
- Professionalize their leadership skills, strengthen resumes
- Participate in mentoring programs, learning communities, bi-weekly meetings, workshops, and attend guest speakers
- Work closely with a local agency for service
- Provide service back to home communities
- Travel to conferences and to engage in service learning at off campus sites

Service Leaders are expected to take on greater responsibility among their peers and to work with a community partner agency in ways that strengthen their resumes through deeper skill development in their major. This program provides students the opportunity through interdisciplinary teams to develop and implement a major service learning project further distinguishing themselves in the McMaster Service Leadership Program. Defiance College Service Leaders will have the opportunity to professionalize their leadership skills, strengthen their resumes, and deepen their understanding and practice of community engagement and democratic practice.

PROJECT 701

Project 701 is Defiance College’s student run non-profit organization organized exclusively for charitable, scientific, and educational purposes. Project 701 provides opportunities for students to engage in philanthropic projects locally, nationally, and internationally to serve communities. Students have the opportunity through Project 701 to engage in impactful experiential learning.

WHAT CAN STUDENTS DO IN PROJECT 701?

- Develop leadership skills as members of Project 701’s Board of Trustees
- Gain experience in key executive positions
- Design, develop and run an entrepreneurial or service project
- Engage in experiential learning as a team member or project manager

CAROLYN M. SMALL HONORS PROGRAM

The Carolyn M. Small Honors Program provides opportunities for all Defiance College students of all majors to select honors option courses, engage in programming outside of traditional courses, work intentionally to complete undergraduate research, and travel. All honors courses are noted on the students’ transcripts.

HONORS PROGRAM GOALS

To provide opportunities beyond the curriculum of the College that support academic excellence through engagement in research, development of reasoning abilities, and intentional learning

To engage students in the development of a sense of coherence between intellectual realms, founded in a traditional liberal education and the real world

To promote the development of a sensitivity to the diverse cultures of the world and an understanding of the complexity of world interdependence

To model innovative ways to teach and learn

To promote for Honors students the kind of support and camaraderie that contributes to a successful college experience

WHAT DO HONORS SCHOLARS DO?

- Participate in Honors Seminars that support the development of undergraduate research skills
- Incorporate professional and practical perspectives into their research
- Learn through Honors Option courses
- Participate in Honors special events and bi-monthly meetings
- Present at Honors Symposia and conferences
- Internationalize their education

EXPERIENTIAL LEARNING

Defiance College offers several opportunities for students to earn academic credit while being actively involved in the larger community. Students must be registered with the Defiance College Bursar in order to be in an experiential learning experience. Failure to be registered may result in removal from the student’s schedule.

INTERNSHIPS

An internship is an unpaid, on-the-job learning experience related to the student’s major field of study, for which credit is received based on quality of performance. The student will be supervised by both a faculty sponsor and a qualified person at the place of work. An Experiential Learning form may be obtained in the Registrar’s Office or printed from the college website and must be approved and returned to the Registrar’s Office no later than two weeks after the beginning of the semester. All students seeking teacher licensure must complete a 15-week internship with college supervision and specified methods of assessment.
FIELD EXPERIENCE
A field experience affords students an opportunity to engage in non-classroom learning under the supervision of a qualified person. Field experience differs from an internship in that it does not necessarily take place within the context of a job and students can be observers rather than workers. An Experiential Learning form may be obtained in the Registrar's Office or printed from the college website and must be approved and returned to the Registrar's Office no later than two weeks after the beginning of the semester.

The program is designed to introduce students to a professional area before enrollment in professional courses or to enable students who have completed some professional courses to apply the principles and techniques learned to a practical situation. Students are expected to analyze critically the situation and to evaluate the experience in light of their academic work and career plans. Students must make arrangements with a faculty supervisor before taking part in a field experience. Students in medicine, pre-dentistry, pre-optometry, pre-veterinary science and pre-nursing are urged to use a Summer Term for field experiences in hospitals and clinics to gain first-hand experience with practicing professionals.

COOPERATIVE EDUCATION
Cooperative Education offers paid employment to enhance career development by integrating classroom study with planned and supervised experience in career activities outside of the formal classroom environment. Learning does not confine itself to attempts to achieve academic mastery. The positive development of a student's attitudes, interests, values, and motives are equally dependent upon this learning. Cooperative Education is coordinated by the Office of Career and Student Assistance located in Hubbard Hall. The Cooperative Education form may be obtained in the Registrar's Office, Office of Career and Student Assistance or printed from the college website and must be approved and returned to the Registrar's Office no later than two weeks after the beginning of the semester.

Cooperative Education is available in all major fields to students who have reached junior status and are in good academic standing. Interested students should consult with their academic advisor and the coordinator of cooperative education to work out an individual job placement which will reflect career interests and make a significant contribution to the major field of study. The student must work through the Office of Career and Student Assistance for placement, educational outcomes, and supervision procedure and assessment. For each credit hour earned, the student must work 120 hours on the job.

The student pays only the regular semester-hour rate for co-op credits. This fee covers such services as job placement, evaluation, record-keeping, on-the-job counseling, and crediting.

STUDENT HANDBOOK
The Student Handbook, an extension of the DC catalog, contains further details about student life at Defiance College as well as complete information on rules and regulations governing student behavior. A copy of the Student Handbook can be obtained in the Office of Student Life, Hubbard Hall Room 132.

STUDENT LIFE SERVICES

CAMPUS SECURITY
Location: Hubbard / McCann front desk
Phone: 419-785-2825 (extension 2825)
McReynolds Hall Student Security, Extension 2234
Whitney / Jacket Suites Student Security, Extension 2600

Campus Security is provided via a contractual arrangement with Securitas Security Services. Officers provide numerous services to the College community including monitoring of access to the residence halls, security of all campus buildings, reporting maintenance/repair needs, and general assistance to the Residence Life staff. Security staff conducts periodic rounds of the campus and have a presence in the residence halls in the evening/overnight hours each night of the week. Security personnel are also available to provide an on-campus escort service to students, faculty, or staff upon request.

CAREER DEVELOPMENT
Location: Hubbard Hall
Hours: M-F, 8 am to 4:30 pm; Phone: extension 2349

The Office of Career Development provides help to those students who are undecided about a career. By focusing on interests and abilities and through career counseling, students are assisted with making career choices. This is an ongoing process that may begin even before the students arrive on campus. Through workshops, classroom presentations and individual counseling, students receive information on all aspects of career planning and the job search process. Assistance with resume preparation, interview techniques, and job referral information is provided by the Office. The Office maintains an online job board works with area businesses in providing students opportunities to interview for both full time and part time employment. Career services are available to Defiance graduates as well as to currently enrolled students. Among other functions, the Office assists students in preparing for graduate and professional school and administers the Cooperative Education program.

COUNSELING ASSISTANCE
Location: Health Center, Second Floor, Serrick Campus Center
Hours: By appointment; Phone: extension 2527

Students who are experiencing stress, emotional difficulties, or having problems with other personal matters are encouraged to utilize the counseling services available through the Health Center located on the second floor of the Serrick Campus Center. Counseling services are available in the Health Center on a by appointment. Counseling sessions are provided free of charge.
to all DC students. Counseling staff also provide referrals to affiliated agencies within the Northwest Ohio region.

**HEALTH CENTER**  
*Location: Second Floor, Serrick Campus Center*  
*Hours: M-F, 8 am to 4:30 pm; Phone: extension 2527*

The Health Center provides first aid, treatment of minor injuries or illnesses, and a referral system whereby the student is sent to a physician for more extensive care or treatment. A Registered Nurse is available during regular hours of operation and a physician is available on a daily basis. When the campus physician sees the student, an office charge will be generated from the Defiance Clinic. The college health insurance plan covers those visits up to a maximum amount per insurance policy. Vaccines are available at cost to faculty, staff, and students.

Full-time and part-time students carrying six or more hours are automatically enrolled in a group hospital/medical insurance plan designed to help cover medical expenses resulting from injuries and illnesses. This College insurance will be waived when a student provides proof of alternative medical coverage. The primary benefits of the College-provided insurance are outlined in the Student Injury and Sickness Insurance Plan brochure, available online at: http://www.bollingercolleges.com/defiance/Defiance.pdf.

All students should be prepared to pay all costs not covered by the College insurance plan, their parents’ insurance plan or personal insurance policy. The college is not responsible for medical bills above the amount specified in the College insurance plan. The insurance program covers prescription drugs to a capped amount. Limited supplies of prescription meds are available on campus for a small fee when prescribed by the attending physician.

If illness or injury occurs when the Health Center is closed, students can contact a Residence Life Staff member, the Student Life Office at extension 2437, or 911, based upon the seriousness of the illness or injury. Residence Life Staff are not permitted to transport students to the hospital due to potential liability and safety concerns.

**INTERCULTURAL RELATIONS**  
*Location: McCann Center*  
*Hours: M-F, 8 am to 4:30 pm; Phone: extension 2362*

The Office of Intercultural Relations was established to foster a community at Defiance College that embraces ethnic pluralism and celebrates diversity and differences among students, faculty and staff. Programs are offered addressing diversity, sensitivity, and cross-cultural issues for all members of the college community including: Black History Month, Dr. Martin Luther King Jr. Day, Women’s History Month and Hispanic Awareness Month. This office also provides individual counseling regarding personal/academic concerns, information referrals, and other services that enhance the social, academic and personal development of students of diverse ethnicities and international students on campus.

**MUSIC PROGRAMS**  
*Location: Hubbard Hall*  
*Hours: M-F, 8 am to 4:30 pm; Phone: extension 2331*

The Office of Music Programs provides leadership and coordination for music performance ensembles and other student groups on campus. The College offers two choirs: Choral Union, a 50+ voice chorus made up of students and community members that presents three concerts a year, often focusing on major choral works; and the Chamber Singers, a student-only chamber singing group that presents a broad variety of choral works in several performances each year. For instrumentalists, the College offers two ensembles: the Defiance College Community Band, a large wind ensemble made up of students and community members that presents four major concerts each year; and the DC Players, the College’s student-run theatre group, the DC Players. The DC Players produce 2-3 shows each year, including at least one musical.

**RESIDENCE LIFE / HOUSING**  
*Location: McCann Center*  
*Hours: M-F, 8 am to 4:30 pm; Phone: extension 2563*

The Office of Residence Life and its staff coordinate a comprehensive system of services for residential students. This includes, but is not limited to, roommate changes, maintenance requests, housekeeping requests, social programming, housing sign-up, roommate conflict resolution, and creating a community committed to respecting the rights and dignities of all students. For more detailed information, see the Office of Residence Life section of the Student Handbook.

**SPIRITUAL LIFE**  
*Location: Hubbard Hall*  
*Hours: M-F, 8 am to 4:30 pm; Phone: extension 2444*

Spiritual life is an important part of the collegiate experience. Opportunities to engage in worship, service, discussion, and community are offered throughout the year by the Office of Spiritual Life. Organized and informal student religious groups are available on campus, and students are also welcome in houses of worship in the Defiance community. A directory of local congregations is available upon request. The Chaplain also provides pastoral and spiritual counseling to the Defiance College community.

**STUDENT ACTIVITIES OFFICE**  
*Location: Hubbard Hall*  
*Hours: M-F, 8 am to 4:30 pm; Phone: extension 2388*

This office organizes positive (social, educational, and cultural) programs on and off campus as well as special weekend events such as Late Nite @ DC, Homecoming, Family Weekend, and Little Sibs Weekend for the entire college community. The Director of Student Activities also advises the Campus Activities Board (CAB) and the Inter-Greek Council (IGC) and oversees the
Leadership Certificate Program. All students are welcome to be active in as many organizations as they desire. Meeting times for various organizations are advertised frequently around campus.

STUDENT LIFE OFFICE
OFFICE OF THE VICE-PRESIDENT FOR STUDENT ENGAGEMENT & DEAN OF STUDENTS
Location: Hubbard Hall
Hours: M-F, 8 am to 4:30 pm
Phone: extension 2437

This office houses the Dean of Students while also providing administrative and management support for the entire Student Life division. The Office of Student Life promotes a student-centered campus environment and supports student learning and development outside the classroom. The Dean of Students is available to all students as an outlet for any concerns they may have during their Defiance College experience. This office also manages parking and identification cards.

ACCOMMODATIONS POLICY FOR STUDENTS WITH DISABILITIES
Contact the Office of Career Development
Phone: extension 2349

Defiance College is committed to providing educational opportunities for qualified students with documented disabilities through the provision of reasonable accommodations, in compliance with the provisions of the Americans with Disabilities Act (ADA) of 1990 and Section 504 of the Rehabilitation Act of 1973 (Section 504). The purpose of accommodations is to provide equal access to educational opportunities without altering essential elements of programs or courses. All requests for accommodations are evaluated on an individual basis after review and evaluation of documentation. It is the responsibility of students to request necessary accommodations and they should do so as early as possible, as some accommodations may require time to implement.

Students with a documented physical, psychological, or learning disability must submit appropriate documentation to Defiance College’s Accessibility Services Coordinator, Lisa Marsalek, Assistant Dean of Students/Director of Career Development at Extension 2366 or lmarsalek@defiance.edu.

DOCUMENTATION
The student must provide the college with medical or other diagnostic documentation that confirms his/her disability or functional limitation. The documentation must be current and from an appropriate, licensed professional qualified in the appropriate specialty area. Some examples of such persons are physicians, psychiatrists, and psychologists. Students are responsible for the cost of diagnosis and for any costs associated with copying or supplying the information for submission to Defiance College.

In general, documentation should include a specific diagnosis and a rationale for each accommodation requested. To ensure that the accommodations supplied are appropriate for the student’s current level of functioning, the documentation submitted must be less than three years old. Exceptions can be made for disabilities that are permanent and are not developmentally related. Hearing or vision loss would be examples of such conditions.

No accommodations with be provided without appropriate documentation. In addition, Defiance College is unable to provide accommodations in the classroom if the student does not give permission to notify faculty that accommodations are needed. Information regarding a student’s disability is considered confidential. Information will not be released to anyone without the express written permission of the student. Notification to faculty or other relevant college personnel can be accomplished without disclosing the exact nature of the disability. Disclosure of a disability is voluntary and does not adversely impact admissions decisions.

REASONABLE ACCOMMODATIONS
◆ Accommodations are provided on an individual basis.
◆ Accommodations are provided to support the educational development of students with disabilities.
◆ In addition to the academic support services available to all Defiance College students, some examples of reasonable accommodations include extended time for tests, administration of oral tests, note-taking assistance, and use of assistive devices such as calculators or computers.

GRIEVANCE PROCEDURE FOR STUDENTS WITH DISABILITIES
If students believe that, based on the provisions of the ADA and Section 504, they have experienced disability-related discrimination, there are several avenues they may pursue. Students may attempt to resolve the matter through informal means. For any academic matter, students should contact the Chief Academic Officer. For non-academic matters, students should contact the Vice President of Student Engagement/Dean of Students. If the student is not satisfied with the resolution through the informal process or prefers to pursue a formal grievance, the following procedures pertain.

a. The student must notify the Affirmative Action Officer in writing, detailing the nature of the complaint and attempts at resolution, if any.
b. The Affirmative Action Officer will conduct an investigation into the complaint.
c. A review committee will be formed to hear the case if the Affirmative Action Officer finds evidence of discrimination. The committee will be comprised of faculty and administrators appointed by the President. The Affirmative Action Officer will preside over the process and communicate the outcome to the student in writing.
d. If the Affirmative Action Officer does not find evidence of discrimination, the student will be notified in writing.
of the specific reason(s) for this determination and his/her right to pursue the matter with external enforcement agencies.

Students involved in a grievance process, whether formal or informal, will not be subject to any form of retaliation, reprisal, or harassment as a result of having filed a complaint or participating in a complaint investigation. Students are encouraged to initiate a grievance within a reasonable period of time, preferably in the same semester during which the issues arose.

CIVIL RIGHTS RACIAL HARASSMENT POLICY
Defiance College is committed to maintain a humane atmosphere in which the race, color, creed, religion, sexual orientation, marital status, national or ethnic origin, physical or mental handicap or veteran status of an individual or group are respected and not disparaged. Defiance College will not tolerate any acts of racial harassment or discrimination. The college will promptly and thoroughly investigate all allegations of racial harassment and discrimination. The college will take any action necessary against an individual(s) found guilty of racial harassment or discrimination in order to maintain a harmonious campus environment.

Discrimination is defined as behavior or conduct that tends to demean or disparage an individual on the basis of race, color, creed, religion, sexual orientation, marital status, national or ethnic origin, physical or mental handicap, or veteran status.

Any student who is a witness to or victim of racial harassment or discrimination involving should immediately notify the Student Life Office. These procedures are documented in the Student Handbook.

SEXUAL/GENDER HARASSMENT STATEMENT
The college seeks to create and maintain an academic environment in which all members of the community are free of harassment based on gender or sex. Defiance College espouses values which infuse the academic and residential life on its campus. Integral to community life must be the awareness on the part of every member of the rights and human dignity of every member. Attitudes of condescension, hostility, role-stereotyping, and sexual innuendo weaken the health of the community. Furthermore, harassment based on sex or gender compromises the integrity of a liberal arts education because it makes the learning and working environment hostile, intimidating and offensive; it destroys opportunities for students to develop strong, positive self-concepts and the sense of self-confidence which is essential to living out the ideals of a liberal education. In addition, persons who harass others compromise their own integrity and credibility. Consequently, no form of sexual or gender harassment can be tolerated.

Sexual harassment is defined as unwelcome sexual advances, or as coercive behavior which threatens employment or academic reprisal, or promises rewards contingent upon obtaining of sexual favors, or as spreading false stories about a person's sexual orientation. Gender discrimination is defined as derogatory references to gender and/or unequal treatment based on gender.

Students who believe they have been the object of gender discrimination, or gender or sexual harassment, may inform the Student Life Office, their academic advisor, or appropriate counseling services.

COMPUTER GUIDELINES
Information systems (including computers, computer accounts, printers, networks, software, electronic mail, internet access) at Defiance College are provided for the use of Defiance College students, faculty and staff in support of the College's academic and administrative programs. All students, faculty and staff are responsible for utilizing these systems in an effective, efficient, ethical, and lawful manner. The use of information systems is a privilege, not a right, and may be revoked at any time for misuse. All access to the College's computing resources, including the issuing of accounts, must be approved through the Computer Services Office.

Students may need to be registered/paid for the current term in order to have an active account and password. Students should review the Computer Policy printed in the Student Handbook for additional information about the use of the College computer system.

ONESTOP ACCESS
The DC Onestop account is an essential College tool used for administrative and academic correspondence. Students will be required to use this tool to access one or more administrative and academic services at the College. Such services include grade report card, unofficial academic transcript, degree audit, course schedules, current term billing statement, student directory, enrollment verification, virus software, and network handbook.

E-MAIL
Students can view and print e-mail from any computer that has Internet access and a printer. Students must enter their DC email address to gain access.

Students will receive official college correspondence by e-mail. Students are expected to check their e-mail on a frequent and continuous basis in order to stay current with Defiance College communications. Students who do not have access to computers in their homes or workplaces may use any of several computer labs on campus, or computers in public libraries off campus, to access their e-mail and Onestop account.
ACADEMIC ADVISING
Defiance College provides close attention to individuals. At the core of this individual concern is the advisory system and access to professors. New students below the age of 21 or transfer students who have not had a successful college experience elsewhere are required to take FS 101 First-Year Experience in their first semester of study. The First-Year Experience instructor will assist with connecting the student to academic resources during the first semester.

All students are assigned a faculty advisor in their major discipline upon enrolling at Defiance College. Deciding students that have not declared a major will be advised by the Director of Retention with assistance from the Director of Career Development until a major is declared.

Non-traditional students are also advised by faculty within the various academic divisions. Staff within the Center for Adult Programs (CAP) may also assist students with advising. Evening hours are maintained to provide service to students taking evening classes.

Students declare majors and may request an advisor change in the Registrar's Office or obtain a form on the Defiance College homepage under “Important Forms” under the Quicklinks menu.

Students are encouraged to work closely with their academic advisors throughout their college careers. Advisors are prepared to counsel students on selection of courses and to assist with academic functions such as experiential learning, academic second chance paperwork or course substitutions. Academic Advisors may also refer students to important resources such as the Office of Career Development or to arrange for tutoring in the Learning Commons when assistance is needed.

ACADEMIC HONOR SOCIETIES
Alpha Chi accepts into membership those students who have distinguished themselves academically by ranking in the top 10 percent of the junior or senior class. Defiance College also participates in Tau Mu for social work majors, Sigma Beta Delta for business majors, Phi Alpha Theta for history majors and Alpha Rho Lambda for criminal justice majors.

ACADEMIC HONORS
DEAN’S LIST
After each fall and spring term, students who have achieved a grade point average of 3.5 or above are honored by the publication of their names on the Dean’s List. To be eligible, a student must be enrolled in 12 or more semester hours for which letter grades are given.

HONORS LIST
After each fall and spring term, students who enrolled in 6 - 11 semester hours for which letter grades are given are honored by the publication of their names on the Honors List, if they have achieved a grade point average of 3.5 or higher in their semester coursework.

GRADUATION HONORS
Candidates for graduation, who have achieved special distinction in academic work and meet the qualifications for graduation honors, will have the following honors printed on their diplomas.

- **Summa Cum Laude** – awarded to students with a 3.9 or higher cumulative gpa
- **Magna Cum Laude** – awarded to students with 3.7 to 3.89 cumulative gpa
- **Cum Laude** – awarded to students with 3.5 to 3.69 cumulative gpa

Graduation honors are open only to students receiving baccalaureate degrees who have earned the qualifying grade point average at Defiance College and who will graduate with a minimum of 60 hours completed in residence at Defiance College. To be formally recognized during the commencement ceremonies, students must qualify for honors by the end of the fall semester prior to the May commencement. However, students who earn the grade point average by the end of their degree program will also receive the notation on their transcripts, and, may, upon request, have it noted on their diplomas.

ACADEMIC INTEGRITY POLICY
All members of the DC community are expected to engage in their academic tasks with integrity and respect for others. A major part of the learning accomplished in college is the development of critical thinking skills, and these skills are only developed when each person's work reflects his or her own original thought. Defiance College is committed to helping each student to understand and practice the highest degree of integrity in his or her academic work, and to take from that work the greatest intellectual and ethical benefit.

RESPONSIBILITIES OF MEMBERS OF THE DEFIANCE COLLEGE COMMUNITY
Each member of our scholarly community has a responsibility to encourage others to maintain a commitment to academic integrity and honesty. Faculty and administrators have a responsibility to educate students about the importance of original work and the ways to avoid academic dishonesty. Students have a responsibility to maintain high standards of honesty in their work and to seek guidance whenever they are in doubt about what constitutes academic integrity.

It is important to note that, in the discovery and sanctioning of an incident of academic dishonesty, the intent of the student will not be considered as a factor, so it is vital that the student ask the course instructor about any potential issues before they arise. Students also have an obligation to obtain and be familiar with the DC student handbook, the syllabi of each course in which they are enrolled, and any bibliographic and/or citation style guides suggested by their instructors.
REMITTANCE AND PENALTIES
When a faculty member or other instructor believes that an incidence of plagiarism or other academic dishonesty has occurred, he or she should discuss the matter with the student(s) involved as soon as possible.

Once the instructor is satisfied that an infraction of this policy has occurred, the sanction to be applied may range from remedial actions (such as requiring that an assignment be rewritten or a test retaken) to failure of the specific assignment or failure of the entire course. The sanction, with the exception of suspension or expulsion, as described below, is left to the discretion of the instructor, based on his or her judgment about the seriousness of the infraction. All sanctions for academic dishonesty, even those involving only remedial actions, must be reported to the Office of Academic Affairs so that complete and accurate records may be kept. Such record keeping is vital to the goal of teaching every student responsible scholarly practices.

Whenever a single student is the subject of multiple reports of academic dishonesty, or when a single infraction is, in the judgment of the instructor, sufficiently serious to warrant referral to the Office of Academic Affairs for additional sanctions, further action may be taken in accord with this policy. Such serious or repeated academic dishonesty may result in suspension or dismissal from the College.

EXCEPTION TO REPORTING REQUIREMENT
Two first-year courses at Defiance College – AH110 Composition I: Writing the Self and AH120 Composition II: Writing the World – are specifically designed to introduce students to good scholarly practice, including proper citation style. For this reason, when errors in such practices at this level are serious enough only to require, in the instructor’s judgment, remedial action, such errors need not be reported if they occur within the first six (6) weeks of the semester, and the student making the error is a first-year student. After this initial six-week grace period in each of these courses, students should know the basics of good scholarly practice, and all instances of academic dishonesty, even remedial level infractions, should be reported in accordance with the above policy.

REPORTING OF INFRACTIONS
All instances of academic dishonesty, including those requiring only remedial action but falling outside the above exception, shall be reported to the Office of Academic Affairs using the form provided for that purpose. A file will be kept, separate from the student’s permanent academic record, so that multiple offenses may be tracked.

APPEALS PROCESS
A student has the right to appeal a finding that the student committed an act of academic dishonesty. Such an appeal must be submitted to the Office of Academic Affairs within a reasonable period of time, but not later than thirty (30) days after the student becomes aware of the finding, unless specific circumstances warrant allowing a delayed appeal. The appeal will be heard by an appeals panel made up of the Chief Academic Officer, two (2) faculty members who are current members of the Academic Affairs committee and who are not from the same division as the reporting instructor, and two (2) students who will be chosen from a pool of not less than five (5) students who have been selected in advance by the Vice President for Engagement and representatives of the student government. Both the student and the reporting instructor have the right to be heard at this appeal, and each may be accompanied, if they wish, by a member of the administration, faculty or student body who is not a party to the incident. The role of this companion is as an observer and advisor, but legal counsel is not permitted. The Chief Academic Officer will only vote in such an appeals process when there is a tie amongst the other members of the appeals panel.

A hearing before an appeals panel must be held whenever the offense(s) committed or alleged may subject a student to the possibility of a sanction at the level of suspension or expulsion (e.g. multiple offenses).

A sanction at the level of suspension or expulsion may be appealed to the President or the President’s designee. The student must submit his or her appeal in writing to the President within five (5) business days of receiving the decision of the appeals panel and must state the grounds upon which the appeal to the President is based. The only acceptable grounds for this appeal are: 1) to determine if the process of academic discipline has been conducted fairly and in accord with stated procedures; 2) to determine whether the decision reached was based on evidence; 3) to determine whether the sanction imposed was appropriate to the violation(s); and 4) to assess new evidence that was not available at the original appeal. The President or his or her designee is not required to conduct a new hearing, and legal counsel is not permitted to participate in this appeal.

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CONCLUSION
Defiance College is committed to helping each student become proficient and confident in the best practices of scholarly endeavor in their chosen field. It is that commitment that guides the above policy. It is the goal of Defiance College to prevent academic dishonesty and to encourage students, faculty and administrators to strive for the highest ethical standards in all academic work.
ACADEMIC PROBATION AND SUSPENSION

Students must earn the following minimum cumulative grade point averages to be in good academic standing:

- 1.70 after 12 credits of course work attempted
- 1.80 after 24 credits of course work attempted
- 1.90 after 36 credits of course work attempted
- 2.00 after 48 credits of course work attempted and subsequent work.

A student who falls below this minimum will be placed on academic probation. A student who is on academic probation will continue on probation as long as a semester average is 2.00 or greater, until the cumulative average reaches the minimum listed above. The individual is encouraged to use the academic "second chance" option to improve the cumulative average. The Academic Second Chance form is available in the Registrar's Office or online at: www.defiance.edu/pages/RC_download_forms.html.

A student on academic probation whose cumulative average is less than that recommended above and whose semester average is below 1.00 will no longer be considered in good academic standing and will be suspended for one semester. The student can appeal academic suspension. If the appeal is granted, the student continues on academic probation.

Any time after the one semester suspension, the individual may apply for readmission on academic probation.

Any student who re-enrolls following a suspension and fails to meet the above criteria after one or more additional semesters will be suspended for one calendar year. The student can appeal academic suspension. If the appeal is granted, the student continues on academic probation.

Any student who re-enrolls after two suspensions and fails to meet the above criteria after one or more semesters of additional work will be dismissed from Defiance College. The student can appeal dismissal from the college.

LEARNING COMMONS

The Learning Commons, located in the Pilgrim Library, provides a variety of services to help students reach their academic goals. The mission of the Learning Commons is to help all students succeed academically at Defiance College. Learning is an ongoing process, and our goal is to help students develop skills and strategies along the way. We seek to offer support, guidance, and services to assist all clients according to their needs. Free academic support and writing services are available to students in all disciplines. We provide a full complement of support services to strengthen academic skills and our staff, who have been recommended by faculty members, have a strong understanding of the content material and are committed to helping students succeed. Student specialists are available to provide both individual and group assistance. Students should contact ARC whenever they desire the need for additional academic support.

The Learning Commons also provides information for students wishing to test out of required courses. ARC administers the CLEP, DANTE, Computer Proficiency, and Praxis tests as well as the ACT Residual for prospective Defiance College students.

ACADEMIC SECOND CHANCE

Students who have received a grade of C-, D+, D, D-, or F in a course taken at Defiance College may have the grade removed from the student's academic record if the same course is repeated at Defiance College or permission is granted to take an equivalent course at another regionally accredited 4-year institution. Permission to take a course at another institution must be secured with the student’s academic advisor and the Chief Academic Officer.

This option may be exercised with a total of 12 credits during the student's academic career at the College. The Academic Second Chance form must be completed with the Registrar's Office prior to enrolling in the course for second chance. The Academic Second Chance form is available in the Registrar's Office or online at: www.defiance.edu/pages/RC_download_forms.html.

An Academic Second Chance petition must be filed in the Registrar's Office in order to have the original grade removed from the record. Academic Second Chance may only be used for the first undergraduate degree. It may not be used to change academic history after a student has received a degree.

ACADEMIC YEAR

Defiance College operates on a semester calendar consisting of two sixteen-week semesters. The fall semester runs from late August to mid-December; the spring semester runs from early January to early May.

During the fall and spring semesters, students normally take four or five courses which typically are three or four credits each, totaling approximately 15 credits.

Most courses are worth three credits - although the figure can range from one to four. For a bachelor degree, 120 credits of satisfactory academic work are required. For an associate degree, 60 credits of satisfactory academic work are required.

SUMMER SESSION

The College offers a summer program from May through August, consisting of two sessions. Most summer session courses are also offered during the regular academic year, while others are offered only in the summer.
ATHLETIC ELIGIBILITY
To be eligible to represent Defiance College in intercollegiate athletics competition, a participating student-athlete shall: 1) be enrolled in a minimum of 12 semester hours of course work; 2) be in good academic standing—which is interpreted as eligible to enroll at DC; and 3) maintain satisfactory progress (see chart below). Eligibility to compete in athletics shall be determined at the beginning of each fall and spring semesters by the DC Registrar. A student-athlete has a maximum combined total of ten terms of full-time attendance and a total of four seasons of participation in any given sport in which to use eligibility.

SATISFACTORY PROGRESS FOR STUDENT ATHLETES
Student-athletes must achieve the established minimum standards of completed credit hours and cumulative grade point averages to be eligible to participate in intercollegiate athletics.

Student-athletes must: 1) pass a minimum number of hours each year, and 2) have the appropriate cumulative grade point average as noted below to satisfy the criteria for establishing satisfactory progress and for continued athletic participation for the following semester. Student-athletes who fail to complete the required hours to maintain their eligibility may attend summer school or complete on-line courses in order to accumulate the appropriate hours, however, students must have prior approval of the DC Registrar before taking course work at colleges other than Defiance College. Transferable grades from courses taken at other colleges do not affect the overall DC grade point average.

At the conclusion of the following full-time semesters of attendance, the minimum academic standards for continuing athletic eligibility will be:

<table>
<thead>
<tr>
<th>Semester</th>
<th>No. of Earned Hrs Required</th>
<th>GPA Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>24</td>
<td>1.33</td>
</tr>
<tr>
<td>2</td>
<td>24</td>
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<tr>
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<td>2.0</td>
</tr>
<tr>
<td>10</td>
<td>96</td>
<td>2.0</td>
</tr>
</tbody>
</table>

AUDITING COURSES
Students should register for a course as an audit if they want to obtain the information from the course but do not want to receive credit. An audit student is not required to hand in work or take tests. When class size is limited, full-fee students have priority. Full-time students may receive one free audit per semester. Individual music instruction, graduate courses and Design for Leadership courses may not be audited.

AWARDING OF DEGREES
A student who satisfactorily completes the graduation requirements listed below and who is approved for graduation by the faculty and trustees will receive the Associate of Arts, the Bachelor of Arts, or the Bachelor of Science degree. In order to qualify for graduation students must declare their intention to graduate by completing a graduation application, which can be obtained in the Registrar’s Office and on the Defiance College website. Applications must be submitted to the Registrar’s Office at least one semester in advance of the last semester of enrollment. To receive their degrees, students must discharge all financial obligations to the College, including completing exit loan counseling, if applicable. A full-time student normally is subject to the requirements in the catalog current at the time of entrance, provided a degree is completed within five calendar years of entrance. For part-time students, the time limit is eight calendar years. However, a student may elect to follow all of the requirements stated in a more recent catalog.

PARTICIPATION IN COMMENCEMENT
The commencement ceremony is held once per year in May. Spring semester graduates must participate in commencement. Fall and summer graduates are encouraged to participate. The college confers degrees at the end of the fall semester, spring semester and summer session after completion of all graduation requirements by the student, as certified by the Registrar’s Office. Students who complete degree requirements in the summer may participate in the annual spring commencement and will receive their diploma when requirements are completed. Only students who are within nine credits, or two courses totaling no more than 12 credits, of degree completion and registered for those credits during the summer session at Defiance College may be approved as summer graduates. Students must wear the required cap and gown regalia at commencement. Only graduation honor cords, stolls and other items approved by the Chief Academic Officer and Office of Academic Affairs may be worn on graduation day. All items must be approved prior to commencement.

CENTER FOR ADULT PROGRAMS
The Center for Adult Programs (CAP) provides services to non-traditional students on campus. CAP is located in Defiance Hall Suite 104 and can be reached at 419-783-2351 or cap@defiance.edu.

EVENING AND WEEKEND PROGRAMS
Our programs are designed for non-traditional students interested in earning a degree in a challenging but flexible format that can include evening, weekend, and online.
GRADUATE PROGRAMS
Defiance College offers two master degrees. Information about these degrees, admissions, and major requirements are available in the Graduate Catalog or online at http://www.defiance.edu/pages/catalog.html.

MASTER OF BUSINESS ADMINISTRATION
- Criminal Justice Concentration
- Health Care Concentration
- Leadership Concentration
- Sport Management Concentration

MASTER OF ARTS IN EDUCATION
- Master of Arts in Education
- Adolescent to Young Adult 7-12 Licensure
- Concentration in Intervention Specialist
- Concentration in Sport Coaching

For information contact Graduate Programs at 419-783-2351.

CLASS ATTENDANCE
A student is expected to attend all classes, as well as any special conferences, meetings, and field trips included on the syllabus for the course. The College has adopted the following policies on student absences:

1. If the student knows in advance of an absence, the instructors should be notified before the absence and arrangements should be made to make up work missed. Students participating in a school-sponsored activity that will result in multiple absences from a class must notify their instructors in advance and should work with the instructor to attempt to minimize the negative impact of absences on the student's ability to succeed in class. Finally, if a student is going to be absent for an extended period (more than three days) the Chief Academic Officer must be notified by the student.

2. If the absence could not be anticipated (such as illness or a death in the family), the student should present an excuse to instructors as soon as possible after returning if the student has not been able to contact them while away. Acceptance of the excuse is at the discretion of the individual instructor.

3. The College does not have a “cut” system or a standard set of penalties for unexcused absences. Both are left to the discretion of the individual instructor, and it is up to the student to learn instructors’ policies. An instructor has the right to withdraw a student for excessive absences after consultation with the Office of Academic Affairs or the Office of Student Life.

CLASS STANDING
The class standing of a student is determined as follows:
- Freshman: 0 to 23 credits completed
- Sophomore: 24 to 53 credits completed
- Junior: 54 to 83 credits completed
- Senior: 84 or more credits completed

CONFIDENTIALITY OF STUDENT RECORDS
Annually, Defiance College will inform students of the Family Educational Rights and Privacy Act of 1974. This Act, with which the institution intends to comply fully, was designated to protect the privacy of education records, to establish the right of students to inspect and review their educational records, and to provide guidelines for the correction of inaccurate or misleading data through informal and formal hearings. Students also have the right to file complaints with The Family Educational Rights and Privacy Act Office concerning alleged failures by the institution to comply with the Act.

A student’s academic records are considered confidential information. Without the student’s expressed written permission, they are accessible only to College personnel and their agents who keep the records or need to have information to help the student.

“Directory Information” may be released to the public and is divided into the following categories:

- **Category I** - Name, address, telephone number, dates of attendance, class roster, class schedule, e-mail address
- **Category II** - Previous institution(s) attended, majors, awards, honors (included Dean’s list), degree(s) conferred and dates, status (full, part-time)
- **Category III** - Past and present participation in officially recognized sports and activities, physical factors (height, weight of athletes), date and place of birth, and photograph

Students may request that all directory information, or certain categories, be withheld by notifying the Registrar’s Office in writing within the first week of a term. Students should contact the Registrar for additional information concerning the Family Rights and Privacy Act. To further review the college policy or to complete the Request to Prevent Disclosure of Directory Information may be found online at: www.defiance.edu/pages/RC_FERPA.html.

COURSE LOAD
Normally, students carry a course load of 15 credits each regular term. However, a student may carry as few as 12 credits in a regular term and still remain enrolled full-time. Students may enroll in up to 17 hours until they are considered in overload. Students must receive permission by the Registrar in order to enroll in more than 17 credits in a semester and an overload fee would apply. Some beginning students are advised to take no more than 12 credits in their first term. Students whose academic skills are not strong upon entering the College should be prepared for the possibility that graduation may require more than four years. Additionally, students who are on academic probation may be limited to 12-13 credit hours as a condition of their academic probation.
All students living in campus residence halls are expected to be full-time students taking an academic load of 12+ credit hours. If a residential student drops a course at any point within the semester, and falls below full-time, special permission to remain on campus must be provided by the Vice President of Student Engagement/Dean of Students. Any undergraduate student who enrolls for 12 semester hours or more in any fall or spring term will be charged the full-time tuition fee. This policy applies to any combination of undergraduate or graduate courses. Undergraduates receiving financial aid as a full-time student must be enrolled in at least 12 hours of undergraduate course work.

SUMMER COURSE CREDIT
A student may enroll in a maximum of six (6) semester hours per summer session. In order to take more than six (6) credit hours during a summer term, the student must obtain approval from the Chief Academic Officer and Office of Academic Affairs located in Defiance Hall.

CREDITS
DEFIANCE COLLEGE
DEFINITION OF A CREDIT HOUR
A credit hour is a unit of measure that gives value to the level of instruction, academic rigor, and time requirements for a course taken at Defiance College. At its most basic, a credit hour is a proxy measure of a quantity of student learning. At Defiance College, students are awarded credit for classes on the basis of the Carnegie unit. This defines a semester unit of credit as equivalent to a minimum of three hours of instruction per week for a 15-week semester for a three-hour course. This calculation is applied relatively to courses with a fewer and greater number of credit hours. In certain circumstances, it is possible to have more hours, but not less. This standard provides a standard for measuring faculty workloads, costs of instruction, and rates of educational efficiencies as well as a measure of student work for transfer students. A minimum of 120 hours are required for a student to be awarded a Bachelor of Art or a Bachelor of Science degree, and some degree programs require more.

ADVANCED PLACEMENT CREDITS
High school students who take advanced placement (AP) courses are encouraged to take the CEEB (College Entrance Examination Board) advanced placement examinations and have their scores sent to Defiance College. Advanced Placement (AP) is a program designed to recognize students who take college-level courses in secondary school. Defiance College accepts AP credits based upon scores presented of four or higher.

INTERNATIONAL BACCALAUREATE
Defiance College recognizes academic work taken toward the International Baccalaureate and grants credit for the full IB diploma, as well as individual IB courses. Students who have completed course work should submit IB transcripts for evaluation. Additional information and the performance levels required to obtain credit may be obtained from the Registrar.

TRANSFER CREDIT
Course work credit evaluation will be performed by the Registrar's Office. Credit will be granted for courses completed that are compatible with the College's academic program and with grades of a C or higher. Acceptance of credit for a course beyond a one-level number increase will be approved on a case by case basis with recommendation from advisor or division chair and approval by the Chief Academic Officer. Transfer students shall satisfy the general education and academic concentration requirements including those learning experiences which are unique to Defiance College. A detailed guide to transfer credit policies is available from the Registrar or on the Defiance College website at: www.defiance.edu/pages/transfer_adm.html.

NON-TRADITIONAL CREDIT
A maximum of 30 credits of non-traditional credit may be earned toward graduation through: armed forces service or assessment of prior learning (including testing and portfolio development). Non-traditional credit may be counted toward the major only with approval of the appropriate division.

Prior learning is learning that has resulted from work experiences and training since high school. This learning may be demonstrated by (1) testing, or by (2) portfolio development.

MILITARY TRAINING
The American Council on Education (ACE) has worked cooperatively with the Department of Defense (DOD) and the Armed Services to establish standards for recognizing learning acquired in military service. This learning may be worth college credit. The student must submit a military transcript (e.g. AART, SMART, College of the Air Force, etc.), DD214, and/or DD295 to the Registrar's Office for evaluation. The AART transcript can be requested at https://aarts.army.mil/. The SMART transcript can be requested at https://smart.navy.mil/smart/welcome. Defiance College has made a commitment to provide an evaluated educational plan to the service member within 60-days of transcript submission. College outcomes readily available upon request.

PROFICIENCY EXAMINATIONS
Testing includes the options of both CLEP and DANTES tests. A list of the tests available and the passing scores required (as recommended by the American Council on Education) are available in the Learning Commons, the Center for Adult Programs, and the Registrar's office. In addition to the cost of the test, there is a charge for each credit hour to be added to the student's transcript. Students must pay the fee to have the credit added to their transcripts within one year of passing the test. Students, who test late in their programs and plan to use testing to complete requirements for graduation, must have all testing completed one semester prior to their final semester of enrollment. The testing dates for CLEP/DANTES is available online at www.defiance.edu/pages/SL_ARC_testing.html.
PORTFOLIO DEVELOPMENT CREDIT
A maximum of 13 credits may be earned by Portfolio Development. Elective credit is limited to 4 credits and an additional 9 credits may be earned for specific courses in the curriculum. Each division has identified those courses in the curriculum for which a student may demonstrate knowledge by portfolio development.

The faculty has established the following policies and procedures for Portfolio Development.

1. The student must have been admitted as a degree-seeking student at Defiance College and completed a course prior to enrollment in the portfolio development course.
2. If a CLEP or DANTES test is available for a course in which credit is desired, the test must be taken. The portfolio is not an option.
3. The student should consult the division chair regarding portfolio development as the first step in the assessment process. More than one portfolio may be required if credit is desired for more than one course.
4. All candidates seeking credit for prior learning must register for the one hour Portfolio Development Course (GS111) which will assist in portfolio development.
   a. To receive credit for the course, a portfolio must be completed by the end of the semester in which the GS111 course is taken.
   b. The course will be graded pass/fail.
   c. The portfolio must be well written and the student must understand the process of portfolio development to pass the course.
   d. The course will be offered in the spring semester.

Portfolio Assessment Procedures

1. To receive credit for a course in the curriculum, the portfolio must demonstrate that the learning objectives of the course have been met. To receive elective credit for past work experience, the portfolio must demonstrate that college-level learning has occurred on the job. Prior learning, not prior experience, is the basis for credit awarded.
2. The division head will appoint a faculty member from the division who has experience in that area to read and assess the portfolio. The faculty member and the division head must approve the credit to be awarded.
3. The faculty member will read the portfolio by the end of the spring semester in which the portfolio was completed.
4. In addition to the tuition for the Portfolio Course, a $100 assessment fee will be charged for each portfolio submitted and a fee will be charged for each credit hour to be added to the student's transcript.
5. When all fees have been paid, and upon recommendation of credit by the faculty member and division head, the course title(s) and credit(s) will be entered on the student's transcript. No grade is recorded.
6. The portfolio will be retained by the College.

DEGREE OFFERINGS
ASSOCIATE DEGREE OFFERINGS
Defiance College offers Associate of Arts degrees in the following fields:

- Art
- Business Administration
- Criminal Justice
- Graphic Design
- Religious Education: Design for Leadership
- Self-Designed

All fields share the degree requirement of at least 60 credits, to include instruction in composition.

The College makes every effort to schedule associate program courses for the convenience of part-time working students. The entire program in Business Administration may be completed in evening classes or Weekend College (although day classes are available as well), and portions of other programs are offered in the evening and on weekends. All two-year programs may be completed in day classes.

BACCALAUREATE DEGREE OFFERINGS
Defiance College awards the Bachelor of Science or Bachelor of Arts degrees as determined by the major field of study designated in the following lists. A student may earn the degree other than that designated for his/her major by completing a minor in one of the disciplines listed for the desired degree. The student must file a change of degree request in the Registrar's Office.

Bachelor of Arts

- Accounting
- Art
- Arts and Humanities
- Business Administration
- Communication Arts
- Design for Leadership (under Religious Education)
- English
- Graphic Design
- History
- International and Global Studies
- Ministry Studies
- Organizational Supervision and Leadership
- Religious Studies
- Self-designed

B.A. Concentrations

- Church Leadership (with Ministry Studies major)
- Faith Formation and Christian Education Ministries (with Ministry Studies major)
- Forensic Accounting (with Accounting major)
- International Business (with International and Global Studies major)
- Marketing (with Business Administration major)
- Media Studies (with Communication Arts major)
Performing Arts (with Communication Arts major)
Peace Studies (with International and Global Studies majors)
Public Relations (with Communication Arts major)
Religion and Peace Studies (with Religious Studies major)
Religion and Service (with Religious Studies major)
Sustainable Development
  (with International and Global Studies majors)
Youth and Family Ministries (with Ministry Studies major)
Youth Ministry and Recreation
  (with Ministry Studies major)

BACHELOR OF SCIENCE
  Athletic Training
  Biology
  Criminal Justice
  Digital Forensic Science
  Early Childhood Education
  Forensic Science
  Health Education
  Integrated Language Arts
  Integrated Mathematics
  Integrated Social Studies
  Life Science
  Life Science and Chemistry
  Mathematics
  Medical Laboratory Science
  Middle Childhood Education
  Molecular Biology
  Physical Education
  Psychology
  Restoration Ecology
  Self-designed
  Social Work
  Sport Management
  Visual Arts Education
  Wellness and Corporate Fitness

B.S. Concentrations
  Environmental Studies (with biology major)
  Field Biology (with biology major)

BACHELOR OF SCIENCE IN NURSING
* The Bachelor of Science in Nursing Degree Completion Program is accredited by the Higher Learning Commission of the North Central Association and approved by the Ohio Board of Regents, and is in applicant status for accreditation by the Commission on Collegiate Nursing Education.

MINORS
  Art
  Arts & Humanities
  Autism Studies
  Business Administration
  Chemistry
  Communication Arts
  Criminal Justice
  Economics
  English
  History
  International and Global Studies
  Marketing
  Mathematics
  Ministry Studies
  Music
  Music Ministry
  Music Theatre
  Psychology
  Recreation
  Religious Studies
  Sport Management
  Wellness and Corporate Fitness

CERTIFICATES
  Conflict Transformation and Management
  McMaster School for Advancing Humanity
  Design for Leadership: Church Education, Denominational Certification in Religious Education, Youth Ministry Leadership Module, and the African American Ministry Leadership Module

SELF-DESIGNED MAJOR
Students in good academic standing, who believe they would benefit educationally from a major not outlined in this catalog, may prepare a proposal for a program of study that leads to a self-designed major. Students should arrange a self-designed major in consultation with their academic advisor and the heads of the departments concerned. Final approval of a self-designed major will be completed by the Chief Academic Officer.

Students interested in a self-designed major may begin planning it at the end of their freshman year but no later than the end of the first semester of the junior year. Self-designed majors should include a minimum of 36 credit hours and must be the only major the student is pursuing. All baccalaureate degree general education requirements must be fulfilled in addition to the courses indicated in the self-designed major.

Once approval is granted, any subsequent changes must be reviewed by the Academic Affairs Committee and approved by the Chief Academic Officer. A student interested in a self-designed major may complete one or more academic minors, as long as the courses taken to meet the minor requirements are not included in the self-designed major. Students must indicate their intention to complete a minor at the time the application for a self-designed major is submitted.
PRE-PROFESSIONAL PROGRAMS ARE AVAILABLE IN:
- Pre-Dentistry
- Pre-Law
- Pre-Medicine
- Pre-Ministry
- Pre-Nursing
- Pre-Optometry
- Pre-Veterinary

PRE-PROFESSIONAL PROGRAMS
Professional schools in such fields as law, the medical professions, and theology rarely specify the undergraduate major. They do, however, recommend certain courses of study. Defiance College provides special faculty advisors in each of these fields to help the student prepare wisely for professional school.

PRE-DENTISTRY AND PRE-OPTOMETRY
The pre-dentistry and pre-optometry student should major in Molecular Biology. The majors should include chemistry (general, organic, biochemistry, and quantitative analysis),) biology (botany, zoology, genetics, bacteriology, and human anatomy and physiology), a year of physics, and electives as recommended by preferred dental and optometry schools. Applicants to these schools must take the admission tests. The tests are usually taken in the fall or spring of the year before expected enrollment in dental school.

PRE-LAW STUDIES
A student interested in law should acquire a solid educational background which includes the humanities, history, the social sciences, mathematics, and language skills. English studies are of proven special importance. A recommended program of study for a pre-law student would include courses in literature, speech, a year of accounting, a course in logic, and advanced courses in composition or creative writing.

Most law schools require the LSAT (Law School Admission Test). For additional information, the student should consult the current pre-law handbook, published in October and prepared by the Law School Admission Test Council and The Association of American Law Schools. It is available in the Office of Career and Student Services.

PRE-MEDICINE
A typical pre-medicine program may be the same as a pre-dental program. However, many medical schools are seeking a variety of backgrounds in their students and the pre-medical student is encouraged to develop verbal skills by electing speech and literature courses. The Medical College Admissions Test is required and should be taken in the spring of the junior year or the fall of the senior year.

Pre-Medicine Studies: Defiance College offers the required programs for admission to regular medical colleges, osteopathic medical colleges and chiropractic medical colleges. Further information can be obtained from the Natural Science faculty.

PRE-MINISTRY STUDIES
To become an ordained minister in major Christian denominations often requires a master degree. Students who seek eventually to enter a master program at a theological seminary may pursue an undergraduate major, but they should have a broad educational background in arts and humanities, social sciences, and natural sciences. Select courses in Biblical studies, theology, world religions, and Christian Education are especially recommended. Some courses in business, communication, and education also may provide practical knowledge that is useful for ministry. We encourage significant experience providing service to others. Mastery of a foreign language is often recommended or required by seminaries, as is the Graduate Record Exam. Because admission requirements vary, students should contact schools of interest early in their undergraduate program. They also should consult with a faculty member in religious studies and the Campus Minister, as well as the Office of Career and Student Assistance.

PRE-NURSING
The preferred pre-nursing program at Defiance College is the first year of the 1 + 2 + 1 program in collaboration with Northwest State Community College. Students who wish to pursue a nursing degree through other means are encouraged to meet with a nursing advisor.

PRE-VETERINARY
The pre-veterinary student should major in Molecular Biology. The major should include chemistry (general, organic, biochemistry, and quantitative analysis), biology (botany, zoology, genetics, bacteriology, comparative anatomy, and physiology), a year of physics, and electives as recommended by preferred veterinary schools. Farm experience with livestock is desirable, as is work in animal clinics or veterinary hospitals.
DEGREE REQUIREMENTS

ASSOCIATE DEGREE REQUIREMENTS

Each student must work with an academic advisor to develop a program of study which meets the following requirements:

◆ Satisfactory completion of 60 or more semester credits
◆ A 2.0 cumulative grade point average (equivalent to a “C” in all work undertaken including the major field).
◆ Completion of the following general education requirements:

I. Arts and Humanities (18 hours)
   AH110 Composition I: Writing the Self (3)
   AH120 Composition II: Writing the World (3)
   H220 Global Civilization (3)
   CA111 Fundamentals of Oral Communication (3)
   Any 200-level Religion course, except RL250 (3)
   Any art course or MU110 Introduction to Music (3)

II. Natural Science (4 hours) – select one from:
   Physical Science, which includes any (CH) Chemistry, (PH) Physics, Physical Science and Geology, or
   NS200 Earth in the Cosmos (4)
   OR
   Biological Science, which includes any (BI) Biology or
   NS201 Development of Life on Earth (4)

The following courses are specifically designed to fulfill the natural science requirements for non-science majors:
   BI113 Environment Around Us (4)
   CH113 Chemistry Around Us (4)
   NS200 Earth in Cosmos (4)
   NS201 Development of Life on Earth (4)

III. Social Science (3 hours)
   SO120 Life in Society (3)

IV. Exercise Science (1-7 hours)
   ES130 Fitness for Life (2)
   OR
   One Personal Wellness Course and one Physical Activity Course from the lists below:
   A. Personal Wellness Courses
      ES125 Personal & Community Health (3)
      ES129 Recreation Theory & Leadership (3)
      ES234 Community First Aid & CPR (1)
      ES237 Recreation for Special Populations (3)
      ES295 Special Topics in Exercise Science (1-2)
      ES340 Nutrition (2)
      NR475 Community Health Nursing (6)
      RL210 Spirituality & Wholeness (3)
      SW340 Health Care Issues (3)
   B. Physical Activity Courses
      ES131 Individual Fitness and Conditioning (1)
      ES132 Racket Sport Activities (1)
      ES133 Lifetime Fitness Activities (0) *

V. Computer Proficiency (0-3)
   IT102 Document Production (1) and;
   IT103 Spreadsheet Skills (1) and;
   IT104 Presentation Skills (1)
   OR Demonstrate proficiency

Specific information on associate of arts degree programs can be found under the various academic areas:
◆ Art
◆ Business Administration
◆ Criminal Justice
◆ Graphic Design
◆ Religious Education and Design for Leadership

BACCALAUREATE DEGREE REQUIREMENTS

Each student must work with an academic advisor to develop a program of study which meets the following requirements:

◆ Enrollment in the First Year Seminar (FS101) during the first semester by all full-time freshman students below the age of 21 who have not had a successful college experience elsewhere.
◆ Satisfactory completion of 120 semester credits.
◆ A 2.0 cumulative grade point average (equivalent to a “C” in all work undertaken) as well as in the major field (unless a higher requirement is otherwise specified).
◆ Completion of the general education requirements listed in this publication.
◆ Students must complete a residency requirement which includes 30 hours, fifteen hours in the major and 24 hours of upper level course credit at Defiance College or other approved four-year college (see transfer student section for additional information)
◆ Completion of 24 credits in courses numbered 300 or above.
◆ Completion of a major field of study
◆ Completion of 30 credits at Defiance College
◆ Completion of the specific courses required for the major field of study.
A major is a sequence of courses in one or more disciplines consisting of a minimum of 30 credits as prescribed by the academic area(s) involved. At least 15 credits of the major must be completed at Defiance College unless special exception is recommended in writing by faculty in the academic area and approved by the Chief Academic Officer.

For a major field, students may select either a single-discipline major (such as History) or an area major which includes several disciplines (such as Arts and Humanities). Academic major requirements and additional information on how to create a self-designed major are specified in this publication. Students may design a major that closely reflects their interests and goals (Self-designed major). The Self-designed major form is available online at www.defiance.edu/pages/RC_download_forms.html and additional specifications are available in this catalog.

Students must declare a major no later than the end of the sophomore year, and is advisable to declare a major in the freshman year. The declaration is filed in the Registrar's Office and students are then assigned an advisor in the major field. The change of major/advisor form is available in the Registrar's Office or online at www.defiance.edu/pages/RC_download_forms.html.

A student who wants to complete more than one major must complete a minimum of 18 hours of additional courses that do not fulfill a minor or any other major the student is completing.

**ACADEMIC MINORS**

A minor is an approved course of study which consists of a minimum of 18 hours of course work. Most minors are designated by departments that offer majors. Please view the specific minor requirements within the major descriptions of this catalog.

At least half of the total hours prescribed in a minor must be completed in residence at Defiance College. Students who choose to complete a minor must take the prescribed courses as listed in the minor description. Students who choose to complete a second minor must take a minimum of nine additional hours of courses in the secondary minor that also do not apply to general education courses, major(s) requirements, or the primary minor the student is completing. The change of major/minor/advisor form is available in the Registrar's Office or online at www.defiance.edu/pages/RC_download_forms.html.

**SECOND BACCALAUREATE DEGREES**

Students may earn a second baccalaureate degree from Defiance College. If the first degree was earned from Defiance College, the student must meet the following requirements to qualify for a second degree: 1) complete a minimum of 30 semester hours after earning the first baccalaureate degree, 24 of these hours must be in residence, in addition to the first degree requirements: 2) fulfill requirements for a major in a division different from the first degree (for example, a student cannot receive a bachelor of arts degree in accounting and a bachelor of science in business administration); and 3) must meet all requirements in force at the time of the student's application for the second degree.

If the first degree was not earned from Defiance College, the student must fulfill requirements as published in this catalog under Baccalaureate Degree Requirements.

**BACCALAUREATE GENERAL EDUCATION REQUIREMENTS**

The following courses are required of all students in the Bachelor of Arts and Bachelor of Science degree programs.

I. Arts and Humanities (21 hours)

Seven courses are required:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>AH110</td>
<td>Composition I: Writing the Self (3)</td>
</tr>
<tr>
<td>AH120</td>
<td>Composition II: Writing the World (3)</td>
</tr>
<tr>
<td>AH220</td>
<td>Global Civilization (3)</td>
</tr>
<tr>
<td>CA111</td>
<td>Fundamentals of Oral Communication (3)</td>
</tr>
<tr>
<td>EN220</td>
<td>Topics in Literature (3)</td>
</tr>
<tr>
<td>EN325</td>
<td>Postcolonial Literature (3)</td>
</tr>
<tr>
<td>EN335</td>
<td>Shakespeare (3)</td>
</tr>
<tr>
<td>EN345</td>
<td>American Literature (3)</td>
</tr>
<tr>
<td>EN355</td>
<td>British Literature (3)</td>
</tr>
</tbody>
</table>

II. Natural Science (8 hours)

Students are required to complete one physical science and one biological science course, both with labs.

Physical Science, which includes any (CH) Chemistry, (PH) Physics, Physical Science and Geology, NS200 Earth in the Cosmos (4) AND Biological Science, which includes any (BI) Biology course or NS201 Development of Life on Earth (4)

The following courses are designed to fulfill the natural science requirement for non-science majors:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BI113</td>
<td>Environment Around Us (4)</td>
</tr>
<tr>
<td>CH113</td>
<td>Chemistry Around Us (4)</td>
</tr>
<tr>
<td>NS200</td>
<td>Earth in the Cosmos (4)</td>
</tr>
<tr>
<td>NS201</td>
<td>Development of Life on Earth (4)</td>
</tr>
</tbody>
</table>

Science requirements for selected majors:

- Weekend College students may take BI195 Biological Science or PH195 Physical Science.
- Early Childhood majors must take NS200 Earth in Cosmos and NS201 Development of Life on Earth.
- Social Work majors may complete any physical science and must complete a human biology course. A human biology course may be fulfilled with one of the following: NS201 Development of Life on Earth, BI229 Essentials of Anatomy and Physiology or BI235 Human Anatomy and Physiology I.
III. Social Science (6 hours)
Two courses are required. Students must take:
1. SO120  Life in Society (3)
2. one course from the following list of options:
   - PY110  Introduction to Psychology (3)
   - EC201  Microeconomics (3)
   - EC205  Macroeconomics (3)
   - SW265  Cultural Diversity (3)

IV. Exercise Science (1-7 hours)
Students are required to complete one of the following options:
1) ES130 Fitness for Life (2)
   OR
2) One Personal Wellness Course and one Physical Activity Course from the lists below:
A. Personal Wellness Courses
   - ES125  Personal & Community Health (3)
   - ES129  Recreation Theory & Leadership (3)
   - ES234  Community First Aid & CPR (1)
   - ES237  Recreation for Special Populations (3)
   - ES295  Special Topics in Exercise Science (1-2)
   - ES340  Nutrition (2)
   - NR475  Community Health Nursing (6)
   - RL210  Spirituality & Wholeness (3)
   - SW340  Health Care Issues (3)
B. Physical Activity Courses
   - ES131  Individual Fitness and Conditioning (1)
   - ES132  Racket Sport Activities (1)
   - ES133  Lifetime Fitness Activities (0) *
   - ES135  Group Recreational Activities (1)
   - ES137  Intercolligate Athletics - completion of one traditional season (0)
   - ES138  Strength and Conditioning (1)
   - PE117  Secondary School Activities (3)

Completion of a season is confirmed by the Athletic Director.

*ES133 Lifetime Fitness is designed to allow students to complete an approved fitness activity course or program, offered outside of Defiance College. It must be approved by the Exercise Science Coordinator prior to registration and documentation of course or program completion must be provided to fulfill the physical activity requirement.

V. Computer Proficiency (0-3)
- IT102  Document Production (1) and;
- IT103  Spreadsheet Skills (1) and;
- IT104  Presentation Skills (1)
OR Demonstrate proficiency

Students who want to demonstrate proficiency must do so prior to their third semester of enrollment and may only take a test once for each course. If a test is not passed, the course must be taken. A student who passes a test will receive a statement of proficiency on the transcript. No credit is awarded.

VI. Mathematics (3)
Students must select one of the following:
1. College-level math course (MA designation)
2. PY or SW230 Behavioral Statistics
3. BA212 Business Statistics

Health, Physical Education, and Wellness & Corporate Fitness majors may take ES256 Evaluation and Measurement, Early Childhood majors may take ED217 Principles of Math and Middle Childhood majors may take ED320 Principles of Middle Childhood Math to meet this requirement.

VII. First-Year Seminar (3 hours)
FS101 First-Year Seminar (3)
This course is required during the first semester of enrollment of all full-time students below the age of 21 who have not had a successful college experience elsewhere.

VIII. Senior Assessment in the Major Field (0-3 credits)
Students are required to complete a senior capstone experience in which they demonstrate they have attained a satisfactory level of proficiency in the major field and are able effectively to integrate and interpret their specialized knowledge.

GRADE APPEALS
The Academic Affairs Committee rules on student complaints of unfair treatment in academic matters. The Committee can change a “D” or “F” grade to a “P” if the complaining student presents sufficiently convincing evidence. Students should first discuss concerns with the instructor, then the corresponding Division Chair. Unresolved concerns may then be addressed to the Office of Academic Affairs.

GRADING SYSTEM
The following system is used for determining grades and arriving at the grade point average:

- A, A-
- B+, B-, B
- C+, C, C-
- D+, D, D-
- F
- I - Incomplete (An "I" not made up by the end of the next regular term will become an “F”)
- IP – In-Progress (An “IP” not made up by the end of the next regular term will become an “F”)
- P - Passing at “C” level or above for undergraduate courses and “B” level or above for graduate courses
- U - Unsatisfactory
- W - Withdrawal
- WF - Withdrawal failing (counts as an “F” in GPA)
- AW - Administrative Withdrawal
- NC - No Credit
- AU - Audit
In order to compare the standing of students, the College uses a point system which assigns the following numerical value for each hour of credit:

- A (4.00), A- (3.67)
- B+ (3.33), B (3.00), B- (2.67)
- C+ (2.33), C (2.00), C- (1.67)
- D+ (1.33), D (1.00), D- (0.67)
- F, WF, AW - 0 points

Courses in which the student receives grades of “P,” “IP,” “W,” “U,” “NC,” and “I” are not included when computing the grade point average. To arrive at the average, add all the points the student has earned and divides the total by the number of credit hours taken for a letter grade. Thus, a student who takes five courses of three credits each and receives an “A” in all of them, has accumulated 60 grade-points; divided by 15, the total number of credits, this yields a grade point average of 4.0.

An Incomplete (I) or In-Progress (IP) grade is given only when circumstances beyond the student’s control prevent completion of a course by the end of the regular semester or term.

PASS-FAIL OPTION
After declaring a major, students may register for a total of 12 credits (or four courses) in which they choose to be graded “P” or “F” (Pass / Fail). One such course may be elected per semester, and the course must be outside the major field and numbered above 119. A course in which the entire class is graded Pass/Fail is not included in the four-course allotment. Please see course descriptions for which courses are generally graded Pass/Fail. Students must request the Pass/Fail option before the end of the second week of classes by filing a request with the Registrar’s Office. The Petition for Pass-Fail Grading form is available in the Registrar’s Office or online at www.defiance.edu/pages/RC_download_forms.html. Instructors are not told which students have chosen Pass/Fail grading option.

GRADE REPORTS
Any currently enrolled Defiance College student may view his/her midterm and final grades, schedule, transcript, and current billing statement by accessing https://www.defiance.edu/onestop. The web interface may be accessed from any computer with access to the Internet and the proper browser software. Logon will require the student’s Defiance College identification number and password. These may be obtained from the Registrar’s Office in Serrick Campus Center. Students are sent notification to their DC e-mail address when grades are available to be viewed online. If the instructor submits a grade change form and it is approved, the corrected grade will not be updated on the grade card. Students should view their transcript and degree audit to see their corrected grade.

INDEPENDENT STUDY COURSES
Independent study may be either project or research-oriented. The topics for independent study are not usually part of the curriculum but reflect a student’s special interest; or they take a student further into a subject than regular course work allows. Students completing independent study courses will work closely with a faculty member in planning, executing, and evaluating the program. All Independent Study Courses must be approved by the Chief Academic Officer. Approved independent study forms must be submitted to the Registrar’s Office within two weeks after the beginning of the semester. Independent Study forms are available online at www.defiance.edu/pages/RC_download_forms.html.

MILITARY ACTIVE DUTY
Students who are members of any branch of the U.S. military reserves or the National Guard and who are called up to active duty during any term in which they are currently enrolled, have three options: withdrawal from all courses; to seek incompletes; or to take a grade for courses that are sufficiently completed. Details of the options and procedures are available from the Registrar’s Office in Serrick Campus Center.

PILGRIM LIBRARY SERVICES
The Pilgrim Library is designed to provide an atmosphere conducive to research and study, with a computer lab, individual study carrels, group study and lounge areas. Resources include books, online databases, electronic books and journals, print journals, newspapers, compact discs, videocassettes and DVDs. The library has a lending policy coupled with a system of fines for overdue items. A validated student ID is necessary to check out all materials. There are five library staff members available to assist students and faculty. For information on the Library’s hours of operation, please refer to the student handbook, the college website, the sign in the entrance to the library, or call 419-783-2481.

REGISTRAR’S OFFICE
Location: Serrick Campus Center Room 204
This office is responsible for scheduling of classes, degree audit checks, graduation approval, veteran’s certification, transcripts and transfer credit evaluation in addition to many other academic services.
Hours: M-F 8:30-4:30, with extended hours during registration periods Phone: Extension 2551.
SCHEDULING FOR CLASSES
New students will schedule courses as part of the orientation process. Returning students are required to schedule classes for the next term or year at the announced time. Those who fail to schedule and complete the registration payment process and submit requested financial aid documents, if applicable, on the days indicated by the College calendar may be charged a late registration fee by the Defiance College Business Office.

Late registration of full-time students requires advance permission from the Registrar and will be allowed only during the first three days of classes.

Students may not register for lower-level courses in areas where they have previously taken more advanced work.

SCHEDULE CHANGES AND WITHDRAWAL FROM COURSES
Students may change a class schedule during the first four days of classes in a regular term or the first two days of a summer session. After that, the student may withdraw from a class but may not add one, bearing in mind that reduction of the course load below 12 credits in a regular term makes a student ineligible to participate in intercollegiate athletics and may change financial aid. A student who drops below 12 credit hours in a regular term must also obtain permission from the Vice President of Student Engagement/Dean of Students in order to remain living on campus.

A student who withdraws from a 16-week course after the first week but before the end of the ninth week will automatically receive a grade of “W.” The deadline for an eight-week course is the end of the fifth week; for a seven-week course, the end of the fourth week and for a five-week course, the end of the third week. After these deadlines, the grade will be “WF” unless the instructor views the circumstances as extenuating and gives written permission for the grade to be “W.” Final determination of whether a grade will be “W” or “WF” will be made by the Registrar and Chief Academic Officer.

TRANSCRIPT REQUESTS
Official college transcripts cost $5.00. Transcript requests must come from the student in writing and include their signature. Only transcripts carrying the College seal, signed by the Registrar, and sealed in a tamper evident envelope are considered “official.” The College does not fax or email transcripts. Unofficial transcripts are available for currently enrolled students through their ONESTOP student information system. The transcript request form can be obtained online at www.defiance.edu/pages/RC_download_forms.html.

TRANSFER STUDENTS
There is no limit on the amount of credit that can be transferred to Defiance College from two and four-year regionally accredited colleges, provided the courses are compatible with the College’s liberal arts program and the grades are a “C” or higher. However, to earn a degree students must complete a residency requirement which includes 30 hours in residence at Defiance College, 15 hours in the major at Defiance College and 24 hours of upper level (300 or above) course credit at Defiance College or other approved four-year college.

TRANSIENT STUDENT POLICIES
Defiance College students who want to take course work at another college as a transient student must obtain the permission of the Registrar. Permission must be sought each time a course is to be taken. Transfer credit may not be added to the record of a student who has not received prior permission to take the course.

Only the course title and credit are added to the record. The grade is not computed with The Defiance College grade point average, except when computing the GPA for graduation with honors. Beginning in fall 2008, graduation honors is based on the GPA earned at Defiance College. Only those undergraduates completing 60 hours in residence at Defiance College may qualify for graduation with honors with minimum GPAs of 3.50 for cum laude, 3.70 for magna cum laude and 3.90 for summa cum laude.

Students who have completed 54 hours or more and therefore are a junior, senior or postgraduate, should seek to enroll at four-year colleges. A course that is an upper level course at Defiance College may not be taken at a two-year college.

Freshmen and sophomores may be permitted to take course work at two or four-year institutions. A course that is an upper level course at Defiance College may not be taken at a two-year college.

Courses offered by other colleges on the Defiance College campus may not be taken by students enrolled at Defiance College unless the course is not going to be offered at DC before the student graduates. Permission must be granted before the student enrolls in a course.
UNDERGRADUATE STUDENTS ENROLLED IN GRADUATE COURSES
An undergraduate may take a graduate course for graduate credit if:

1. the student has completed 90 semester hours;
2. a GPA of 2.75 has been achieved;
3. the student meets the course prerequisites;
4. the instructor and the program director approve; and
5. space is available in the course.

To be eligible for federal, state, and institutional aid, any undergraduate student must enroll in at least 12 hours of undergraduate course work and obtain approval to take a graduate course from the appropriate graduate program coordinator.

WITHDRAWAL FROM COLLEGE
A student may request withdrawal from Defiance College by contacting the Registrar's Office. A withdrawal allows the student the opportunity to re-enroll at Defiance College at a later date. The withdrawal date is the date of notification to the Registrar's Office. Students who receive financial aid and choose to withdraw from the College must follow the federal refund policy according to the federal regulations (see the Tuition and Fees section of this Catalog for more information on refunds). Tuition will be refunded according to the College refund policy as described in this Catalog. The adjustments in charges for a student withdrawal may result in an outstanding balance on the student's account that will be due and payable at the time of withdrawal. Failure to follow the withdrawal policy forfeits the student's right to an honorable dismissal or to any refund of tuition and fees paid.

UNOFFICIAL WITHDRAWAL
In the case of an unofficial withdrawal or an unapproved leave of absence (or a student's failure to return at the end of an approved leave of absence), the withdrawal date is the date the Registrar's Office becomes aware that the student ceased attendance.

LEAVE OF ABSENCE
A student may be granted an approved leave of absence if:

1. the student has made a written request for the leave of absence,
2. the leave of absence will not exceed 30 days,
3. the College has granted only one leave of absence to the student in any 12-month period, and
4. approval is received from instructors and the Chief Academic Officer.
DIVISION STRUCTURE
The academic organization of the College consists of five divisions. Those divisions, their Chairs, and the disciplines they include are:

ARTS AND HUMANITIES DIVISION
Assistant Professor of Art, Jason Stockman, Chair
Courses offered in Art (AR), Arts and Humanities (AH), Communication Arts (CA), English (EN), First Year Experience (FS), Graphic Design (GD), General Studies (GS), History (HI), International and Global Studies (IS), Language (LA), McMaster (MC), Music (MU) and Religion (RL).

BEHAVIORAL AND APPLIED SOCIAL SCIENCE DIVISION
Professor Deborah Dalke, Chair
Courses offered in Digital Forensic Science (CF), Criminal Justice (CJ), Political Science (PS), Psychology (PY), Sociology (SO), and Social Work (SW).

BUSINESS AND ALLIED HEALTH DIVISION
Assistant Professor of Economics, Blen Solomon, Chair
Courses offered in Accounting (AC), Athletic Training (AT), Business Administration (BA), Economics (EC), Exercise Science (ES), Information Technology (IT), Management (MG), Marketing (MK), Organization and Supervision Leadership (OS), Sport Management (SM) and Wellness and Corporate Fitness (WE).

EDUCATION DIVISION
Assistant Professor of Education, Joshua Francis, Chair
Courses offered in Education (ED), Hench Autism Studies (HA), Health (HE), and Physical Education (PE).

SCIENCE AND MATHEMATICS DIVISION
Associate Professor of Biology, Nathan Griggs, Chair
Courses offered in Biology (BI), Chemistry (CH), Forensic Science (FN), Mathematics (MA), Nursing (NR), Natural Science (NS), Physics (PH), and Restoration Ecology (RS).

ACCOUNTING (AC)
Assistant Professor Richard Sealscott
The accounting major is a professional program designed for students who want a solid foundation in all functional aspects of business plus specialized courses in Accounting. In addition, students can select the concentration in Forensic Accounting to augment their Accounting major. Students may choose the traditional four-year plan of study leading to a Bachelor of Arts Degree with a major in Accounting or they may select the five-year program leading to a Master's Degree in Business Administration. Students who select the five-year plan will have completed the 150 credit hour requirement necessary to sit for the CPA exam. The major requires 48 semester hours in the business core including:

- AC221 Financial Accounting (3)
- AC222 Managerial Accounting (3)
- BA140 Introduction to Business (3)
- BA212 Business Statistics (3)
- BA214 Quantitative Business Analysis (3)
- BA228 Business Communication (3)
- BA260 Business Ethics (3)
- BA350 Business Finance (3)
- BA363 Business Law (3)
- BA365 International Business (3)
- BA490 Business Policy (3)
- EC201 Microeconomics (3)
- EC205 Macroeconomics (3)
- MG331 Management and Organizational Behavior (3)
- MG332 Human Resource Management (3)
- MK340 Principles of Marketing (3)

In addition, students in the Accounting Major must take the following 18 credit hours in Accounting:

- AC321 Intermediate Accounting I (3)
- AC322 Intermediate Accounting II (3)
- AC330 Cost Management (3)
- AC340 Federal Taxation (3)
- AC370 Accounting Information Systems (3)
- AC429 Auditing and Accounting Ethics (3)

FORENSIC ACCOUNTING CONCENTRATION
Forensic Accounting is available as a concentration within the Accounting Major. The Forensic Accounting concentration equips students with the skills to understand the prevention, detection and legal aspects of fraudulent transactions and reports. The students will receive a general overview of digital forensics and forensics accounting to complement the accounting and business courses.

The Forensic Accounting concentration requires 15 hours:

- AC380 Forensic Accounting (3)
- AC381 Fraud Detection and Deterrence (3)
- AC382 Legal Elements of Fraud (3)
- CF110 Introduction to Computer and Digital Forensics (3)
- CJ221 Criminal Evidence and Procedure (3)
ART (AR)
Assistant Professors Douglas Fiely and Jason Stockman

The offerings in art strive to cultivate an understanding of the fine arts as an important factor in a liberal education and to provide experience in the theory, practice and history of the arts which will prepare the student for teaching or further professional study. Art majors must participate in a senior exhibition as a capstone experience.

The Art major requires 46 semester hours, including:
- AR111 2D Design (3)
- AR112 3D Design (3)
- AR120 Introduction to Ceramics (3)
- AR130 Introduction to Drawing (3)
- AR140 Introduction to Painting (3)
- AR150 Introduction to Printmaking (3)
- AR470 Professional Practice in Art (1)

9 hours of Art History chosen from:
- AR200 Art History I (3)
- AR201 Art History II (3)
- AR300 History of American Art (3)
- AR402 Topics in Art History (3)

9 hours of media concentration must be chosen from:
- AR220 Intermediate Ceramics, AR320 Advanced Ceramics, and AR420 Ceramics Studio; OR
- AR230 Intermediate Drawing, AR330 Advanced Drawing, and AR430 Drawing Studio; OR
- AR241 Intermediate Painting, AR340 Advanced Painting, and AR440 Painting Studio; OR
- AR250 Intermediate Printmaking, AR350 Advanced Printmaking, and AR450 Printmaking Studio; OR
- AR160 Introduction to Photography, AR260 Intermediate Photography, and GD214 Basic Computer Design PLUS

3 hours of electives in Art

MINOR IN ART
The Art minor requires 18 semester hours including:
- AR111 2D Design (3)
- AR112 3D Design (3)
- AR120 Introduction to Ceramics (3)
- AR130 Introduction to Drawing (3)
- AR140 Introduction to Painting (3)

3 hours of Art History chosen from:
- AR200 Art History I (3)
- AR201 Art History II (3)
- AR300 History of American Art (3)
- AR402 Topics in Art History (3)

ARTS AND HUMANITIES (AH)
Assistant Professor Amy Drees

The Arts and Humanities interdisciplinary major is for the student who wants intellectual engagement in more than one subject. This degree is focused on high development of critical thinking, communication, and intellectual or artistic awareness. A student works with the Arts and Humanities advisor to choose courses that meet their intellectual and career goals.

The 42-hour major in Arts and Humanities includes the following course requirements.

Two three-credit hour courses from each of the following disciplines: Art, Communication Arts, English, History, and Religious Studies for a total of 30 credits. These courses may not include internships, field experiences, or independent research courses.

Four of the above ten courses must be at the 300-400 level.

Three additional 300 or 400-level courses from a single Arts and Humanities discipline (Art, Communication Arts, English,
History, International and Global Studies, or Religious Studies) beyond the ten courses listed above.

A Capstone to be chosen from one of the following: AH498, CA499, EN490, HI498, IS499, or RL499.

MINOR IN ARTS AND HUMANITIES
The Arts and Humanities minor requires the Arts and Humanities general education requirements, plus 2 other 300 or 400 level Arts and Humanities courses.

ATHLETIC TRAINING (AT)
Program Director, Professor Timothy Rickabaugh; Assistant Professor Kevin Tong

The Defiance College Athletic Training Education Program (ATEP) is a unique program that combines intensive course work with hands-on clinical experience to prepare a student for a career in athletic training. The academic program is a CAATE accredited program that prepares students for the professional opportunities as BOC Certified Athletic Trainers (ATC).

Admission into the Athletic Training Program is a two-step process. Students enter Defiance College as pre-athletic training majors and must complete the first year consisting of general education degree requirements and athletic training prerequisites. Students are assigned to a first year seminar where the instructor assists in scheduling courses for the freshman and sophomore year. Students are considered pre-professional students as they enroll in the introductory courses and begin the directed observation of the athletic training program. The pre-professional phase is completed in their first two semesters on campus. Students in AT100 and AT200 also meet with the Program Director and/or the Clinical Education Coordinator to assure that they are enrolled in the proper courses. Directed observation hour requirements for pre-professional Athletic Training students are as follows:

Freshman Fall: 3 hours per week
Total= 30 hours
Freshman Spring: 5 hours per week
Total= 50 hours

As students complete their pre-professional requirements, they apply to advance to the Professional Phase of the curriculum that includes advanced courses and clinical education. Students are admitted into the Professional Phase at the beginning of their third semester at Defiance College. Six semesters are required to complete the Professional Phase of the ATEP.

ATEP APPLICATION REQUIREMENTS
Application to the Professional Phase of the ATEP is in the second semester of the freshman year. Students must meet the minimum requirements listed below to be admitted into the Athletic Training Major. The selection process is competitive and based on academic performance, clinical observation and individual personal qualities. Several criteria for selection have been given a point value to establish an objective means to evaluate your application. The point value is indicated in bold. Remaining criteria are considered minimum criteria. All must be completed. Meeting minimum application requirements does not guarantee a student entrance into the program.

1. Completion of all programs application forms
2. The student must complete the following courses with a B- or better:
   AT100, Introduction to Athletic Training
   AT200, Orthopedic Injury Pathology
3. Documentation of a minimum of 80 clinical observation hours

<table>
<thead>
<tr>
<th>120 hours +</th>
<th>= 20 points</th>
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</thead>
<tbody>
<tr>
<td>100-120 hours</td>
<td>= 15 points</td>
</tr>
<tr>
<td>80-100 hours</td>
<td>= 10 points</td>
</tr>
</tbody>
</table>
| 4. Successful completion of Athletic Training Modules Level 1 during academic and/or clinical hours:
  Specific modules are assigned during AT100 and AT200
| 5. Minimum cumulative DC GPA of 2.50 on a 4.0 scale
| 3.76-4.00 = 25 points
| 3.51-3.75 = 23 points
| 3.26-3.50 = 21 points
| 3.01-3.25 = 19 points
| 2.76-3.00 = 17 points
| 2.50-2.75 = 15 points
| 6. Objective evaluations from certified staff: including evaluation based on professionalism, work ethic, dependability, initiative and attitude. Clinical evaluations: average of evaluation scores will be converted to a 20 point scale
| 7. Provide two (2) letters of recommendation from faculty, coaches, athletic trainers, etc. to support your candidacy into the Athletic Training Education Program. Letters must be from persons other than Athletic Trainers employed by Defiance College. You must use the form provided.
| 8. Completion of physical examination along with proof of Immunizations. The immunization record must be signed and verified by the health professional conducting the physical. The immunization record includes: measles, mumps, rubella, tetanus, diphtheria and hepatitis B. The student may sign an assumption of risk waiver in lieu of receiving the Hepatitis B vaccine. The ATEP strongly recommends the student receive the Hepatitis B vaccine.
9. Ability to meet Technical Standards of the ATEP.
10. Signed statement regarding criminal background check.
11. Interview with the ATEP selection committee, which will be scored.

Candidates for the ATEP must meet all eleven criteria listed above. A minimum score of 35 points is required to be considered for entrance into the Professional Phase of the program. Students are then ranked ordered and if there are more applicants who meet the minimum criteria than there are slots available, the highest rated students are accepted into the professional portion of the program. However, meeting the minimum application requirements does not guarantee a student entrance into the program. The number of appointments may vary each year depending on the space available in the program. The number of students accepted into the ATEP is limited by the availability of clinical facilities and faculty. Limited admission will ensure that an appropriate student to clinical instructor ratio (approximately 8 to 1) is maintained. If needed, please contact the Program Director for further clarification.

**ACCEPTANCE**
Acceptance into the ATEP is conditional until the final grades for that semester are received. A student who is deficient in one of the eleven requirements of admission may be conditionally accepted into the ATEP on the recommendation of the Selection Committee. A contract between the student and the Program Director is written to establish the steps the student must make to gain full acceptance into the ATEP. A student may not be in the conditional acceptance phase for more than one year.

Program application materials are returned to the Athletic Training Program Director by March 1. Candidates are notified of their admission status no later than April 1. The Program Director notifies each student with a letter sent to the address listed on the application. Students who are not accepted into the ATEP may reapply the following year. Due to the extensive clinical component associated with this program, students who are not selected for the Professional Phase of this program will work with the Program Director and/or advisor to identify alternate academic programs to pursue.

**TRANSFER STUDENTS**
Students who have transferred to DC must complete the required Professional Phase of the Athletic Training Program. Prompt commencement of the directed observation period is necessary to complete the clinical courses and clinical experiences in a minimum of six semesters at Defiance College. All core courses must be taken at Defiance College to ensure competency mastery.

The Program Director evaluates other courses in the major on an individual basis to determine transfer of credits. Prior directed observation is evaluated and approved at the discretion of the Program Director.

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**Major Requirements**

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<tr>
<td>AT100</td>
<td>Introduction to Athletic Training (2)</td>
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<td>Orthopedic Injury Pathology (3)</td>
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<td>Community First Aid and CPR (1)</td>
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<td>ES330</td>
<td>Pharmacology (2)</td>
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<td>Nutrition (2)</td>
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<td>ES355</td>
<td>Exercise Physiology (3)</td>
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<td>Kinesiology and Biomechanics (3)</td>
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<td>Muscle Structure and Function (2)</td>
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<td>Introduction to Psychology (3)</td>
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<td>Behavioral Statistics (3) or</td>
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<td>BA212</td>
<td>Business Statistics (3)</td>
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<tr>
<td>SW301</td>
<td>Research Methods (3)</td>
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</table>

Retention criteria is listed on the Assessment Checklist that is given to the student by the Program Director. All students at DC matriculate in accordance with their Major Assessment Checklist.

*** Many prospective athletic training students who express interest in the Defiance College Athletic Training Education Program (ATEP) are also interested in participating in an intercollegiate sport during their college years. The ATEP faculty is committed to encouraging athletic training students to take advantage of the rich co-curricular opportunities available on campus. They are also dedicated to ensuring students graduate on time, fulfill all major requirements and have enough quality clinical experiences to enable them to become skilled health care professionals. Please see the policy and Procedure Manual available on-line for more information regarding the ATEP and athletic participation.

The major requires 64 semester hours, including:
AUTISM STUDIES PROGRAM (HA)
Associate Professors Jo Ann Burkhardt and Fred Coulter

The Hench Autism Studies Program is designed to educate students about the unique needs of persons with autism and their families. Additionally, students receive training on effective strategies for successful integration of persons with autism into education, vocational, family and community settings. Students are encouraged to apply these strategies in a supervised practicum setting. The minor in Autism Studies may be combined with any major.

MINOR IN AUTISM STUDIES
The minor in autism studies totals 18 hours and consists of the following courses:
- HA110 Introduction to Autism Spectrum Disorders & Developmental Disabilities (3)
- HA210 Behavior Management and Self-Determination (3)
- HA250 Families and Communities (3)
- HA390 Behavior Intervention Practicum (3)
- PY110 Introduction to Psychology (3)
- PY225 Infancy and Childhood or PY227 Adolescence and Adulthood (3)

MINOR IN AUTISM STUDIES

BIOLOGY (BI)
Associate Professors Nathan Griggs and Douglas Kane; Assistant Professor Alyson Laframboise

Biology is the broad study of organisms. It examines every aspect of life from single-celled organisms to complex ecological interactions. Areas of biology include genetics, evolution, ecology, and other more focused fields such as botany, entomology, ornithology, and herpetology. Biology attempts to understand, organize, and classify the living world around us from the sub-cellular mechanisms of individual cells to plant and animal diversity and behavior. Current advances in genetics, cellular and molecular biology, and ecology have greatly influenced areas of medicine, agriculture, and environmental science.

The Biology major requires 55 semester hours: All biology majors are required to take the following courses:
- BI120 Principles of Biology I (4)
- BI129 Principles of Biology II (4)
- CH123 General Chemistry I (4)
- CH124 General Chemistry II (4)
- NS198 Natural Science Seminar (1)
- NS378 Scientific Research Methods (1)
- NS491 Internship (3)
- NS499 Senior Capstone Project (3)
- MA106 Pre-Calculus Mathematics (4)
- PY230 Behavioral Statistics (3) or BA212 Behavioral Statistics (3)

In addition, biology majors must take one course from each of the two groups of study listed below.

Group I
- BI250 Field Zoology (4)
- BI270 Field Botany (4)
- BI320 Ecology (4)
- BI357 Comparative Vertebrate Anatomy (4)
- BI367 Vertebrate Physiology (4)

Group II
- BI338 Histology (4)
- BI358 Microbiology (4)
- BI431 Molecular Biology (4)
- BI462 Immunology (4)
- BI480 Genetics (4)

A student then selects at least four upper-level (300-400) science courses (three of which must be biology), allowing the design of a specialty within the major.

The following concentrations in Environmental Studies and Field Biology may be added to the Biology Major:

ENVIRONMENTAL STUDIES CONCENTRATION
Students complete the following 17 hours of coursework:
- BI420 Restoration Ecology I (4)
- NS310 Geographic Information Systems (4)
- NS398 Seminar in Environmental Topics (2)
- PH202 Geology (4)

Choose one of the following courses –
- HI345 The Ohio Area or EC205 Macroeconomics (3)

FIELD BIOLOGY CONCENTRATION
Students must take 16 hours from the following list of courses:
- Required:
  - BI250 Field Zoology (4)
  - BI270 Field Botany (4)
  - NS310 Geographic Information Systems (4)

Select four hours from electives:
- BI320 Ecology (4)
- BI350 Fisheries and Wildlife Management (4)
- BI420 Restoration Ecology (4)
- PH202 Introduction to Geology (4)

Biology majors preparing for medical school, graduate programs, or other professional schools should talk to their advisor to determine an appropriate plan of study.
BUSINESS AND ALLIED HEALTH  
Defiance College offers professional areas of study in business with majors in Accounting, Athletic Training, Business Administration (Concentration in Marketing and Minors in Business, Marketing and Economics), Sport Management, Wellness & Corporate Fitness and a completion program in Organizational Supervision and Leadership.

The Business Programs at Defiance College are accredited by the IACBE (International Assembly for Collegiate Business Education). This accreditation offers the following benefits:
- Enhanced Reputation
- Evidence of Quality
- Continuous Improvement
- Best Practices
- Accountability
- International Perspectives

COMPETENCIES
The faculty in the Business Department strives to prepare their graduates on several dimensions. These dimensions may be learned from past learning or life experiences, current and future learning, work related experiences, engagement opportunities at the local, regional, national, and international levels or through student life related activities. It is the goal of the Business Department that students are competent in the following areas:
- Analytical and Problem Solving Skills
- Communication Skills both Oral and Written
- Critical Thinking Skills
- Integrated Skills with Application of Knowledge
- Professional Development Skills
- Team Development Skills
- Financial Management Skills
- Ethics and Moral Judgment Skills
- Information Management Skills
- Planning and Organizational Skills

BUSINESS ADMINISTRATION (BA)
Professor Wayne Buchanan; Assistant Professors Jay Page, J. Richard Sealscott, Blen Solomon, and Michael Wolfe

The business major is a professional program designed for students who want a solid foundation in all functional aspects of business. Students take courses in each functional area of business as well as an advanced core that examines critical areas of business more in-depth. Students who have an interest in marketing may elect to earn a concentration in marketing. All Business majors may earn a minor in economics, but they may not earn minors in marketing or business.

The faculty has designed a business core that covers all functional areas of business including, accounting, business law, communication, economics, ethics, finance, international business, computer skills, quantitative analysis, management, marketing and a capstone course in business policy and strategy.

Students also must complete the liberal arts requirements of the college, which include courses in the arts and humanities, the natural sciences, the social sciences, and wellness. Upon graduation each student is expected to be well-educated for entry into the business profession and prepared for engaged citizenship. To reach this goal each student must receive a grade of C- or better for each business course. Courses with grades lower than C- must be repeated. Students must have an overall GPA of 2.0 in their major to graduate from Defiance College. Transfer students must complete a minimum of 15 credit hours in their major from Defiance College.

The major requires 51 semester hours in the business core including:
- AC221 Financial Accounting (3)
- AC222 Managerial Accounting (3)
- AC383 Legal Elements of Fraud (3)
- BA140 Introduction to Business (3)
- BA212 Business Statistics (3)
- BA214 Quantitative Business Analysis (3)
- BA228 Business Communication (3)
- BA260 Business Ethics (3)
- BA350 Business Finance (3)
- BA363 Business Law (3)
- BA365 International Business (3)
- EC201 Microeconomics (3)
- EC205 Macroeconomics (3)
- MG331 Management and Organizational Behavior (3)
- MG332 Human Resource Management (3)
- MG340 Teamwork and Teambuilding (3)
- MK340 Principles of Marketing (3)

All students are required to take the Advanced Core which consists of the following 12 credit hours:
- BA490 Business Policy (3)
- MK450 Buyer Behavior (3)
- MG470 Organizational Leadership (3) or MK485 Small Business Management (3)

Economics elective:
- Select 3 credit hours from any Economics course numbered 300 or above

Total hours in Business Administration: 51 Business Core + 12 Advanced Core = 63 credit hours

MARKETING (MK)
Marketing is available as a Concentration within the Business Administration Major. The Marketing Concentration equips students with the skills and competencies required to understand, create and maintain mutually beneficial exchanges between organizations and their customers. In addition to the strong general business foundation, students obtain valuable skills in a variety of other areas, such as Market Research, E-Commerce, and Advertising and Retail Management. A concentration in marketing prepares students for careers in a broad range of areas including: brand management, retail management, sales and advertising.
The Concentration in Marketing requires the business core plus at least 12 semester credit hours taken from the following courses: (Students will have a total of 15 credits in Marketing with the
Buyer Behavior from the Advanced Core)
  MK341 Advertising and Promotion (3)
  MK344 Retail Management (3)
  MK348 Sales Management and Professional Selling (3)
  MK410 E-Marketing (3)
  MK442 Marketing Management (3)
  MK449 Marketing Research (3)
  MK460 Selected Topics in Marketing (3)

MINOR IN MARKETING
The marketing minor is designed to provide relevant courses to students whose majors are in another department, such as Criminal Justice, Social Work, Communication Arts, Religion, Sport Management, etc., and who desire to acquire the fundamentals of the marketing discipline. Students majoring in a business area may not obtain a minor in marketing. The marketing minor requires 24 semester credit hours including:
  BA228 Business Communication (3)
  BA365 International Business (3)
  EC201 Microeconomics (3)
  MG331 Management and Organizational Behavior (3)
  MK340 Principles of Marketing (3)
  MK450 Buyer Behavior (3)
  Plus 6 semester hours of marketing electives.

MINOR IN BUSINESS
The business minor is designed to provide relevant courses to students whose majors are in another department, such as Criminal Justice, Social Work, Communication Arts, Religion, Sport Management, etc. and who desire to acquire the fundamentals necessary to understand and use business principles in an organization. Students majoring in one of the business areas are not eligible to earn a minor in business. The business minor requires 24 semester credit hours including:
  AC221 Financial Accounting (3)
  AC222 Managerial Accounting (3)
  BA140 Introduction to Business (3)
  BA350 Business Finance (3)
  BA212 Business Statistics (3)
  EC201 Microeconomics (3)
  MG331 Management and Organizational Behavior (3)
  MK340 Principles of Marketing (3)

ASSOCIATE OF ARTS DEGREE IN BUSINESS ADMINISTRATION
An Associate of Arts degree is available in Business Administration. Business requirements total 36 semester hours and include:
  AC221 Financial Accounting (3)
  AC222 Managerial Accounting (3)
  AC383 Legal Elements of Fraud (3)
  BA140 Introduction to Business (3)
  BA214 Quantitative Business Analysis (3)
  BA212 Business Statistics (3)
  BA228 Business Communication (3)
  BA260 Business Ethics (3)
  EC201 Microeconomics (3)
  EC205 Macroeconomics (3)
  MG331 Management and Organizational Behavior (3)
  MK340 Principles of Marketing (3)

CHEMISTRY (CH)
Chemistry is a service area for science & education programs as well as the general education curriculum. There is a Chemistry minor available:

MINOR IN CHEMISTRY
The chemistry minor requires at least 20 semester hours including:
  CH123 General Chemistry I (4)
  CH124 General Chemistry II (4)

A minimum of 12 additional credits are selected from CH courses numbered 200 or above.

COMMUNICATION ARTS (CA)
Assistant Professor, Christopher Medjesky

Studying communication develops and enhances an individual’s ability to function in society. Communication skills not only enrich relationships, but they are also requirements in a rapidly changing world.

Communication arts can prepare students for careers in such fields as education, journalism, public relations, and speech communication. It can provide the basis for future graduate study in these fields and others—such as advertising or law. It can provide the student interested in a teaching career with competence in a number of areas.

Communication Arts is a 37-46 hour major. The major requires 31 hours of core courses, including:
  CA123 Media Writing (3)
  CA212 Small Group Communication (3)
  CA215 Communication Theory (3)
  CA216 Sophomore Portfolio Development (1)
  CA231 Interpersonal Communication (3)
  CA311 Critical Public Address (3)
In addition to the core courses, the major requires six hours of other 300-400 level Communication Arts courses or one of the following 15-hour concentrations:

PUBLIC RELATIONS CONCENTRATION
- CA300 Public Relations (3)
- CA324 Persuasion (3)
- CA440 Organizational Communication (3)
- CA424 Public Advocacy (3)
- BA228 Business Communication (3)

PERFORMING ARTS CONCENTRATION
- CA221 Introduction to Acting (3)
- CA321 Advanced Acting (3) [should be taken twice]
- CA421 Theatre Directing and Design (3) [should be taken twice]

MEDIA STUDIES CONCENTRATION
- CA130 Introduction to Film (3)
- CA135 Introduction to Media (3)
- CA336 Mass Media Theory (3)
- CA345 Media and Cultural Criticism (3)
- CA442 Media, Race, and Gender (3)

MINOR IN COMMUNICATION ARTS
The Communication Arts minor requires 18 hours, including:
- CA123 Media Writing (3)
- CA212 Small Group Communication (3) or
- CA231 Interpersonal Communication (3)
- CA215 Communication Theory (3) or
- CA336 Mass Media Theory (3)
- CA324 Persuasion (3) or
- CA325 Public Opinion and Propaganda (3)
- CA311 Critical Public Address (3) or
- CA333 Communication and Performance (3)
Plus 3 more hours of CA courses at the 300 level or above

CRIMINAL JUSTICE (CJ)
Professors Donald Knueve and Steven Sondergaard

The baccalaureate degree program in criminal justice strives to provide a strong background in all areas of criminal justice, to allow concentration in one of several areas, and to prepare students for entry-level positions in a variety of criminal justice agencies, as well as prepare students for graduate school.

The Criminal Justice major consists of 45 credits and includes:
- CJ111 Introduction to Criminal Justice (3)
- CJ127 Introduction to Juvenile Delinquency (3)
- CJ155 Criminal Law (3)
- CJ217 Criminal Investigation (3)
- CJ221 Criminal Evidence and Procedure (3)
- CJ223 Introduction to Corrections (3)
- CJ413 Criminal Justice Organization and Administration (3)
- CJ478 Criminal Justice Seminar (3)
- CJ497 Field Experience (3)
- PY/SW230 Behavioral Statistics (3)
- SW301 Research Methods (3)

plus 12 hours selected from the remaining CJ courses concentrating either in law enforcement or corrections

MINOR IN CRIMINAL JUSTICE
The minor in Criminal Justice consists of 18 credits, including:
- CJ111 Introduction to Criminal Justice (3)
- CJ155 Criminal Law (3)
- CJ217 Criminal Investigation (3)

plus 9 credits of CJ courses numbered 300 and above, concentrating in law enforcement or corrections

ASSOCIATE OF ARTS DEGREE IN CRIMINAL JUSTICE
Required courses include the general education requirements for the associate of arts degree and the following:
- CJ111 Introduction to Criminal Justice (3)
- CJ127 Introduction to Juvenile Delinquency (3)
- CJ155 Criminal Law (3)
- CJ217 Criminal Investigation (3)
- CJ221 Criminal Evidence and Procedure (3)
- CJ223 Introduction to Corrections (3)
- PY110 Introduction to Psychology (3)
- SO120 Life in Society (3)

And nine credits from the following list:
- HI336 History of the Constitution (3)
- PS237 American Government and Politics (3)
- PS371 Constitutional Law (3)
- PY225 Infancy and Childhood (3)
- PY227 Adolescence and Adulthood (3)
- PY290 Abnormal Psychology (3)
- SW235 Social Problems (3)
- SW265 Cultural Diversity (3)
DIGITAL FORENSIC SCIENCE (CF)
Professor Gregg Gunsch and Assistant Professor of Practice Timothy Wedge

Digital Forensic Science is a new and growing field in the area of hi-tech crime investigation. The Digital Forensic Science program at Defiance College is intended to prepare the student for an entry-level position as an evidence-collection technician or similar function, beginning the career path towards digital forensic analyst and investigator. Students interested in corporate network security instead of law enforcement will also find the deep knowledge of digital systems and communications to be highly useful for detecting and understanding hacker intrusions and malicious software. Students completing the Digital Forensic Science major will be highly marketable in a quickly-growing job market, with a solid background in criminal justice, two nationally-recognized technical certifications, an immersive internship experience with a law enforcement or corporate security agency, and lots of practical, hands-on, laboratory activities with frequent one-on-one faculty contact.

The Digital Forensic Science Major requires completion of 67 credit hours

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<td>Introduction to Computer and Digital Forensics (3)</td>
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<td>Computer Security Fundamentals (3)</td>
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<td>Operating Systems (3)</td>
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<td>CF215</td>
<td>Computer Forensics and Security Ethics (3)</td>
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<td>Seizure and Forensic Examination of Computer Systems (3)</td>
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<td>Advanced Topics in Computer Data Analysis and Recovery (3)</td>
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<td>Fundamentals of Computer Networks (3)</td>
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Plus six (6) hours from the following selection:

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<td>Forensic Accounting (3)</td>
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<td>Fraud Detection and Deterrence (3)</td>
</tr>
<tr>
<td>AC382</td>
<td>Legal Elements of Fraud (3)</td>
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ECONOMICS (EC)
Assistant Professor Blen Solomon and Emeritus Professor Robert Kohl

The Economics minor is open to all majors of the college. The minor in Economics is designed to provide students with an appreciation for the principles of constrained choice and is recognized as the most highly systematized of the social sciences. Economics as a discipline employs a wide range of critical thinking skills in a way that lends order to events taking place at local, national, and global levels. A command of its principles thus provides those pursuing a wide range of diverse careers with an ability to describe and predict changes and trends in the pattern of public affairs.

MINOR IN ECONOMICS
The Economics minor requires a total of 21 semester hours including the following courses:

- BA212 Business Statistics (3)
- EC201 Microeconomics (3)
- EC205 Macroeconomics (3)
- EC310 Intermediate Microeconomics (3)
- EC320 Intermediate Macroeconomics (3)

Select 6 additional credits from the following:

- EC305 Money and Banking (3)
- EC355 Public Finance (3)
- EC375 International Trade (3)
- EC452 Investment Analysis (3)

EDUCATION (ED)
Associate Professors Jo Ann Burkhardt, Fred Coulter, and Sandra Golden; Assistant Professors Joshua Francis, Matthew Lydum, and Karen McCoy

The Education faculty's objective is to prepare students to become effective facilitators of learning. The curriculum provides the student with opportunities to learn both the theoretical and practical aspects of teaching. In addition, teacher education students will participate in clinical experiences during each year of their program, beginning with the second semester of their freshman year.

Since the State Department of Education periodically changes teacher licensure requirements, the College reserves the right to modify its programs and requirements to meet changing state standards. The professional courses and the teaching fields outlined in this publication meet the current state standards for teacher licensure in Ohio. Students interested in teaching in another state are advised to contact that state's department of education to determine if the Ohio teaching license will transfer to a comparable license in that state. All education students should be aware that the requirements for graduation are extensive, and that careful planning is necessary.

Students admitted to the College who wish to be licensed as teachers must be admitted to the teacher education program and should indicate their desire to become a licensed teacher upon entering the College. Early and continuous monitoring of students...
helps assure success in completing the program in a timely manner. Students may not take upper-level education, physical education, or health education courses (numbered 300 or above) until a review of lower-level field experiences and coursework has been successfully completed. Each applicant seeking teacher licensure is considered on the basis of criteria formulated by the Teacher Education Council and continuance in the program is dependent upon approval by that group. The senior capstone experience for all education majors is a semester long internship. The requirements for admission to teacher education are available from the Head of Teacher Education and will be distributed to each student during the ED 221 course. In the case of transfer students, the student should go to the Head of Teacher Education and obtain a copy of the Teacher Education Handbook. The Teacher Education handbook is considered to be a part of this catalog. These documents can also be found on the Defiance College website (www.defiance.edu).

Report on the Quality of Teacher Education: 
As part of the Title II Higher Education Act, all colleges and universities with teacher preparation programs where students receive federal assistance under Title IV of that act must report assessment data on their teacher education “program completers.” Program Completer refers to anyone who completes all requirements for any of the approved teacher education programs. This year’s data is based on a group of 26 students who completed programs during the 2010-2011 school year. The overall pass rate for these students on state required tests was 100%.

The College offers the following majors leading to teacher licensure: Early Childhood (age 3 through grade 3); Middle Childhood (grades 4 through 9 for two fields selected from Reading/Language Arts, Mathematics, Science, and Social Studies); Integrated Language Arts (valid for teaching reading, English, speech and journalism in grades 7 through 12); Integrated Mathematics (grades 7 through 12); Integrated Social Studies (valid for teaching history, political science, geography, psychology/sociology, and economics in grades 7 through 12); Life Science (valid for teaching biology and the life sciences in grades 7 through 12); Life Science and Chemistry (valid for teaching the life sciences and chemistry in grades 7 through 12); and Multi-Age in Health Education, Physical Education, and Visual Arts (valid for teaching the subject from age 3 through grade 12). Holders of an Early Childhood License or Adolescent and Young Adult License can add a Middle Childhood License in one content area with the appropriate content and education course work. See the Head of Teacher education for details.

A 2.9 cumulative GPA is required in all professional education and content area courses in the teaching field in order to be permitted to advance to the internship.

EARLY CHILDHOOD
ED201 Phonics (1)
ED202 Instructional Technology (3)
ED217 Principles of Math: ECE (3)
ED218 Social Studies Content: K-Grade 3 (3)

ED221 Foundations of American Public Education (3)
ED228 Education of Exceptional Children (2)
ED229 Educational Psychology (3)
ED230 Principles of Early Childhood Education (3)
ED231 Curriculum and Practices of Early Childhood Education (3)
ED232 Early Childhood Practicum I (1)
ED233 Phonics and Emergent Literacy (4)
ED234 Early Childhood Practicum II (1)
ED235 Expressive Arts (3)
ED237 Children’s Literature (3)
ED238 Health and Physical Education for the Classroom Teacher (2)
ED330 Beginning Integrated Practicum (2)
ED332 Math Methods (2)
ED333 Science Methods (2)
ED334 Social Studies Methods (3)
ED335 Integrated Reading/Language Arts Methods (3)
ED336 Reading Diagnosis and Remediation with Early Childhood Practicum (4)
ED338 Advanced Integrated Practicum (3)
ED410 Advanced Methods Seminar (2)
ED430 Assessment of Young and Atypical Children (2)
ED432 Family and Community Relationships (2)
ED433 Internship in Early Childhood (12)
ED498 Internship Seminar (2)
ES234 Community First Aid and CPR (1)
PY225 Infancy and Childhood (3)

Please note that all pre-candidates who started in Fall 2005 and thereafter must earn a 2.75 GPA in the following courses in order to advance to the internship: ED 217, 218, 233, 201, NS200 &201. These are the content courses for Early Childhood Education.

MIDDLE CHILDHOOD
Pre-candidates seeking Middle Childhood licensure must select two content specializations from: Reading/Language Arts, Mathematics, Science, and Social Studies.

The requirements for Middle Childhood licensure that all pre-candidates have to take include:
ED201 Phonics (1)
ED202 Instructional Technology (3)
ED221 Foundations of American Public Education (3)
ED228 Education of Exceptional Children (2)
ED229 Educational Psychology (3)
ED243 Phonics and the Foundation of Reading (3)
ED339 Middle Childhood Field Experience (1)
ED340 Principles and Practices of Middle Level Education (3)
ED345 Integrated Reading/Language Arts Methods: Middle School (4)
ED346 Reading Diagnosis and Remediation with Middle School Practicum (3)
ED348 Reading Diagnosis Field Experience (1)
ED349 Advanced Methods Practicum (2)
ED410 Advanced Methods Seminar (2)
| Major Requirements |

ED448  Middle Childhood Internship (11)
ED498  Internship Seminar (2)
ES234  Community First Aid and CPR (1)
PY227  Adolescence and Adulthood (3)

Choose Two Content Specializations From Those Listed Below:

Reading/Language Arts - 34 hours
   AH110  Composition I: Writing the Self (3)*
   CA111  Fundamentals of Oral Communication (3)*
   CA311  Critical Public Address (3)
   ED243  Phonics and Foundation of Reading (3)
   ED341  Adolescent Literature (3)
   ED345  Integrated Reading/Language Arts Methods (4)
   ED346  Reading Diagnosis and Remediation with Middle School Practicum (3)
   ED355  Language Arts Methods (1)
   EN260  Language Structure (2)
   EN270  Advanced Composition (3)
   EN325  Postcolonial Literature (3)
   EN345  American Literature II (3)

*meets general education requirement

Mathematics - 29 hours
   MA106  Pre-Calculus Mathematics (4)
   MA115  Principles of Geometry (3)
   MA201  Analytical Geometry and Calculus I (4)
   MA300  History of Mathematics (3)
   MA301  Linear Algebra (4)
   MA305  Discrete Mathematical Structures (3)
   MA306  Probability and Statistics (4)
   ED320  Principles of Middle Childhood Math (3)
   ED342  Teaching Mathematics in Middle School (1)

*one mathematics course meets general education requirement

Science - 25 hours
   BI120  Principles of Biology I (4)
   BI129  Principles of Biology II (4)
   BI320  Ecology (4)
   CH123  General Chemistry I (4)
   PH100  Physical Science (4)
   PH202  Introduction to Geology (4)
   ED343  Teaching Science in Middle School (1)

*one biology and one physical science meet general education requirement.

Social Studies - 37 hours
   AH110  Composition I: Writing the Self (3)
   AH120  Composition II: Writing the World (3)*
   AH220  Global Civilization (3)*
   EC205  Macroeconomics (3)*
   ED344  Teaching Social Studies in Middle School (1)
   GE232  World Geography (3)
   HI201  US History to 1877 (3)
   HI205  20th Century World History (3)
   HI207  Ages of Empires (3)

   HI345  The Ohio Area (3)
   PY110  Introduction to Psychology (3)*
   PY227  Adolescence and Adulthood (3)
   SO120  Life in Society (3)*

* meets general education requirement

ADOLESCENT TO YOUNG ADULT
(Grades 7-12)

Pre-candidates seeking licensure for teaching in Ohio's secondary schools must complete the major as listed in the various disciplines and the professional education courses as listed in the Teacher Education Handbook. The professional Education courses are:

   ED202  Instructional Technology (3)
   ED221  Foundations of American Public Education (3)
   ED228  Education of Exceptional Children (2)
   ED229  Educational Psychology (3)
   ED347  Reading in the Content Field (3)
   ED370  Teaching Secondary Students (3)
   ED371  Secondary Practicum (1)
   ED410  Advanced Methods Seminar (2)
   ED497  Advanced Field Experience (2)
   ED458  Internship in Adolescent/Young Adult (12)
   ED498  Internship Seminar (2)
   ES234  Community First Aid and CPR (1)
   PY227  Adolescence and Adulthood (3)

Integrated Language Arts – 43 hours

This major leads to licensure to teach Language Arts in grades 7-12. Admission to the Teacher Education Program and other requirements are discussed in the Education section of the College catalog. The major requires:

   CA130  Introduction to Film (3)
   CA311  Critical Public Address (3)
   CA345  Media and Cultural Criticism (3)
   ED201  Phonics (1)
   ED243  Phonics and the Foundation of Reading (3)
   ED341  Middle and Adolescent Literature (3)
   ED346  Reading Diagnosis and Remediation: Middle Childhood (3)
   ED355  Integrated Reading/Language Arts Methods (1)
   EN260  Language Structure (2)
   EN270  Advanced Composition (3)
   EN275  Creative Writing (3)
   EN290  Language and Literary Criticism (3)
   EN325  Postcolonial Literature (3)
   EN335  Shakespeare (3)
   EN345  American Literature (3)
   EN355  British Literature (3)
Integrated Mathematics - 41 hours
This major leads to a licensure to teach Integrated Mathematics in grades 7 - 12. Admission to the Teacher Education Program and other requirements are discussed in the Education section of the College catalog. The major requires:

- MA201 Analytic Geometry and Calculus I (4)
- MA202 Analytic Geometry and Calculus II (4)
- MA203 Analytic Geometry and Calculus III (4)
- MA300 History of Mathematics (3)
- MA301 Linear Algebra (4)
- MA302 Modern Abstract Algebra (4)
- MA304 Modern Geometry (4)
- MA305 Discrete Mathematical Structures (3)
- MA306 Probability and Statistics (4)
- MA420 Real Analysis (3)
- MA490 Senior Capstone (3)

Integrated Social Studies – 52 hours
This major leads to licensure to teach social studies in grades 7 - 12. Admission to the Teacher Education Program and other requirements are discussed in the Education section of the College catalog. The major requires:

- EC201 Microeconomics (3)
- EC205 Macroeconomics (3)
- ED354 Social Studies Methods (7-12) (1)
- GE231 Geography of the Americas (3)
- GE232 World Geography (3)
- HI201 US History to 1877 (3)
- HI202 US History from 1877 (3)
- HI204 Europe: Italian Renaissance to Present (3)
- HI205 20th Century World (3)
- HI345 The Ohio Area (3)
- HI398 Historical Methods and Public History (3)
- HI498 Senior Capstone Experience (3)

one nonwestern history course chosen from:

- HI340 History of the Middle East (3) or
- HI350 History of Asia (3) or
- HI360 History of Latin America (3)
- PS237 American Government and Politics (3)
- PY110 Introduction to Psychology (3)
- PY227 Adolescence and Adulthood (3)
- SO120 Life in Society (3)
- SW235 Social Problems (3)

Life Science - 60-62 hours
This major leads to a licensure to teach Life Science in grades 7 - 12. Admission to the Teacher Education Program and other requirements are discussed in the Education section of the College catalog. The major requires:

- BI120 Principles of Biology I (4)
- BI129 Principles of Biology II (4)
- BI250 Field Zoology (4)
- BI270 Field Botany (4)
- BI357 Comparative Vertebrate Anatomy (4)
- CH233 Organic Chemistry I (5)
- CH234 Organic Chemistry II (5)
- CH368 Biochemistry I (4)
- CH455 Quantitative Analysis (4)
- MA106 Pre-calculus Math (4)
- MA298 Natural Science Seminar (1)
- MA490 Senior Capstone Experience (2-4)
- PH202 Introduction to Geology (4)
- PH210 General Physics I (4)
- PY230 Behavioral Statistics (3)
- ED353 Science Methods: Grades 7 – 12 (1)

Life Science and Chemistry - 70-72 hours
This major leads to a licensure to teach Life Science and Chemistry in grades 7 - 12. Admission to the Teacher Education Program and other requirements are discussed in the Education section of the College catalog. The major requires:

- BI120 Principles of Biology I (4)
- BI129 Principles of Biology II (4)
- BI250 Field Zoology (4)
- BI270 Field Botany (4)
- BI357 Comparative Vertebrate Anatomy (4)
- CH233 Organic Chemistry I (5)
- CH234 Organic Chemistry II (5)
- CH368 Biochemistry I (4)
- CH455 Quantitative Analysis (4)
- MA106 Pre-calculus Math (4)
- MA298 Natural Science Seminar (1)
- MA490 Senior Capstone Experience (2-4)
- PH202 Introduction to Geology (4)
- PH210 General Physics I (4)
- PY230 Behavioral Statistics (3)
- ED353 Science Methods: Grades 7 to 12 (1)

MULTI-AGE LICENSURE PROGRAMS
Multi-Age licensure majors for pre-k through 12th grade are offered in Health, Physical Education, Physical Education and Health, and Visual Arts. The coursework for these majors is listed in the disciplines, and pre-candidates must take professional education courses as listed in the Teacher Education Handbook.

Health – 42 hours
This major leads to a multi-age licensure to teach Health age 3 through grade 12. Admission to the Teacher Education Program and other requirements are discussed in the Education section of the College catalog. The major requires:

- BI229 Essentials of Human Anatomy and Physiology (4)
- ES121 Introduction to Exercise Science (3)
- ES125 Personal and Community Health (3)
### Major Requirements

**Physical Education – 49 hours**
This major leads to a multi-age licensure to teach Physical Education age 3 through grade 12. Admission to the Teacher Education Program and other requirements are discussed in the Education section of the College catalog. The major requires:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
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<tbody>
<tr>
<td>BI229</td>
<td>Essentials of Human Anatomy and Physiology (with lab) (4)</td>
</tr>
<tr>
<td>PE117</td>
<td>Secondary School Activities (3)</td>
</tr>
<tr>
<td>ES121</td>
<td>Introduction to Exercise Science (3)</td>
</tr>
<tr>
<td>ES256</td>
<td>Evaluation and Measurement in Health and Physical Education (3)</td>
</tr>
<tr>
<td>ES355</td>
<td>Exercise Physiology (3)</td>
</tr>
<tr>
<td>ES356</td>
<td>Kinesiology and Biomechanics (3)</td>
</tr>
<tr>
<td>ES481</td>
<td>Organization and Administration of Health, Physical Education and Sport (3)</td>
</tr>
<tr>
<td>PE222</td>
<td>Pre-K-Grade 3 Field Placement (1)</td>
</tr>
<tr>
<td>PE224</td>
<td>Health and Physical Activities for Pre-K-3 (3)</td>
</tr>
<tr>
<td>PE259</td>
<td>Adapted Physical Education, Recreation and Sport Safety (2)</td>
</tr>
<tr>
<td>PE260</td>
<td>Physical Education in Grades 4-8 (3)</td>
</tr>
<tr>
<td>PE317</td>
<td>Secondary School Physical Education 7-12 (1)*</td>
</tr>
<tr>
<td>PE358</td>
<td>Motor Learning and Movement Education (3)</td>
</tr>
<tr>
<td>PE361</td>
<td>Principles of Coaching (2)</td>
</tr>
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*one coaching methods course chosen from:*

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>PE362</td>
<td>Methods in Coaching Track (1)</td>
</tr>
<tr>
<td>PE363</td>
<td>Methods in Coaching Basketball (1)</td>
</tr>
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Plus 37 hours:

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<tbody>
<tr>
<td>ES330</td>
<td>Pharmacology (2)</td>
</tr>
<tr>
<td>ES340</td>
<td>Nutrition (2)</td>
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<tr>
<td>ES355</td>
<td>Exercise Physiology (3)</td>
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</tbody>
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**Physical Education and Health – 62 hours**
This major leads to a multi-age licensure to teach Health age 3 through grade 12. Admission to the Teacher Education Program and other requirements are discussed in the Education section of the College catalog. The major requires:

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<td>Secondary Physical Education Methods (1)</td>
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<td>PE363</td>
<td>Methods in Coaching Basketball (1)</td>
</tr>
<tr>
<td>PE364</td>
<td>Methods in Coaching Softball (1)</td>
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<tr>
<td>PE365</td>
<td>Methods in Coaching Baseball (1)</td>
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<td>PE366</td>
<td>Methods in Coaching Football (1)</td>
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<tr>
<td>PE367</td>
<td>Methods in Coaching Volleyball (1)</td>
</tr>
<tr>
<td>PE368</td>
<td>Practical Application in Coaching (1)</td>
</tr>
</tbody>
</table>

*Requires admission to Teacher Education Program*
HE177 School Health, Safety and Services (3)
HE376 School Health Instruction for Middle School through grade 12 (1)

* Requires admission to Teacher Education Program
PY225 Infancy and Childhood (3)
PY227 Adolescence and Adulthood (3)
WE390 Introduction to Wellness Programming (3)

Plus 33 hours:
ED202 Instructional Technology (3)
ED221 Foundations of American Public Education (3)
ED228 Education of Exceptional Children (2)
ED229 Educational Psychology (3)
ED347 Reading in Content Field (3)
ED370 Teaching Secondary Students (3)
ED371 Secondary Practicum (1)
ED410 Advanced Methods Seminar (2)*
ED468 Internship in Pre-K-12 (12)
ED497 Advanced Field Experience (2)*
ED498 Internship Seminar (2)
ES234 Community First Aid and CPR (1)

Visual Arts – 45 hours
This major leads to a multi-age licensure to teach visual arts pre-k through grade 12. Admission to the Teacher Education Program and other requirements are discussed in the Education section of the College catalog. The major requires:

AR111 2D Design (3)
AR112 3D Design (3)
AR120 Introduction to Ceramics (3)
AR130 Introduction to Drawing (3)
AR140 Introduction to Painting (3)
AR200 Art History I (3)
AR201 Art History II (3)
AR212 Intermediate 3D Design (3)
AR220 Intermediate Ceramics (3)
AR230 Intermediate Drawing (3)
AR300 History of American Art (3)
AR330 Advanced Drawing (3)
GD225 Introduction to Web Design (3)

Six hours of electives chosen from:
AR150 Introduction to Printmaking (3)
AR160 Introduction to Photography (3)
AR241 Intermediate Painting (3)
GD115 Graphic Design Principles (3)
GD214 Basic Computer Design (3)
GD215 Intermediate Graphic Design (3)

Plus 44 hours:
ED202 Instructional Technology (3)
ED221 Foundations of American Public Education (3)
ED228 Education of Exceptional Children (2)
ED229 Educational Psychology (3)
ED347 Reading in Content Field (3)

ED360 Visual Arts Methods: Pre-K-12 (1)
ED339 Middle Childhood Field Experience (1) AND
ED340 Principles and Practices of Middle Childhood Education (3)

OR
ED370 Teaching Secondary Students (3) AND
ED371 Secondary Practicum (1)
ED410 Advanced Methods Seminar (2)
ED468 Internship in Pre-K-12 (12)
ED497 Advanced Field Experience (2)
ED498 Internship Seminar (2)
ES234 Community First Aid and CPR (1)
PY225 Infancy and Childhood (3)
PY227 Adolescence and Adulthood (3)

ENGLISH (EN)
Professor Mary Catherine Harper, McCann Endowed Chair for the Humanities; Associate Professor Todd Comer

The 39-hour Bachelor of Arts English major offers preparation for a number of professions through its dual emphasis: (1) a 27-hour core of literature, writing, and criticism courses, and (2) a 12-hour program of major electives selected by the student.

Core courses enable students to deepen their knowledge of a variety of literatures and their practice of critical thinking, writing, and interpretation skills. These are foundational to a number of professions. Major elective courses allow students to develop skills and knowledge important to professions that benefit from studies in literature and writing.

The English major core includes the following, for a total of 27 hours:

EN220 Topics in Literature (3)
EN270 Advanced Composition (3)
EN290 Introduction to Language and Literary Criticism (3)
EN325 Postcolonial Literature (3)
EN335 Shakespeare (3)
EN345 American Literature (3)
EN355 British Literature (3)
EN425 Modern and Contemporary Literature (3)
EN490 Literary and Cultural Theory (3)

In addition to the required major core courses, students are to choose 4 courses from the following list of major electives:

EN275 Creative Writing (3)
EN475 Advanced Creative Writing (may be repeated) (3)
CA123 Media Writing (3)
CA130 Introduction to Film (3)
CA345 Media and Cultural Criticism (3)

MINOR IN ENGLISH
The minor in English is a balance of literature and writing courses and totals 18 hours. It is designed to address the interests of students who enjoy literature and the ideas that are part of literary study. The minor in English can be used to deepen the critical thinking skills of students in pre-law and can benefit those whose
professional goals include well-styled language.

From the lists below students are to choose 6 courses. Of those 6 courses at least 2 must be literature courses (Group A) and 2 must be writing courses (Group B).

Group A:
- EN325 Postcolonial Literature (3)
- EN335 Shakespeare (3)
- EN345 American Literature (3)
- EN355 British Literature (3)
- EN425 Modern and Contemporary Literature (3)

Group B:
- EN270 Advanced Composition (3)
- EN275 Creative Writing (3)
- EN475 Advanced Creative Writing (may be repeated) (3)

**EXERCISE SCIENCE (ES)**
*Professor Timothy Rickabaugh; Associate Professor Craig Rutter; and Assistant Professor Kevin Tong*

Exercise Science program majors include: Athletic Training, Sport Management, and Wellness and Corporate Fitness. Experiential learning opportunities are a vital component of all Exercise Science programs. For majors in Sport Management or Wellness and Corporate Fitness, an approved internship will be required along with a presentation to department faculty upon its completion. Athletic Training majors will develop their capstone experience through Practicum’s V and VI. Students must have a 2.5 GPA in the major before registering for an internship.

Minors are available in Recreation, Sport Management and Wellness and Corporate Fitness. Refer to the corresponding sections for course requirements.

**FORENSIC SCIENCE (FN)**
*Associate Professors Somnath Dutta, Nathan Griggs and Douglas Kane; Assistant Professors Kenneth Adair and Alyson Laframboise*

Defiance College’s forensic science program brings together the fields of chemistry, biology, physics, medicine, and criminal justice. Students in Forensic Science will learn many skills including analyzing evidence from arsons for accelerants, DNA fingerprinting, presumptive tests for narcotics, trajectories for ballistics, human anatomy for drawing evidence from remains, and the legal procedures for taking evidence to court. Forensic science is a demanding major because of its scientific underpinnings, the skills needed to analyze crime scene evidence while following legal procedures that preserve the evidence for use in court. The Forensic Science major is designed to provide a student with a strong science background coupled with a foundation in criminal justice and legal concepts. The 120-hour degree program includes two internship or cooperative education experiences.

The program requires 85 credit hours including:
- BI235 Human Anatomy and Physiology I (4)
- BI236 Human Anatomy and Physiology II (4)
- BI480 Genetics (4)
- CH123 General Chemistry I (4)
- CH124 General Chemistry II (4)
- CH233 Organic Chemistry I (5)
- CH234 Organic Chemistry II (5)
- CH368 Biochemistry I (4)
- CH369 Biochemistry II or BI431 Molecular Biology (4)
- CH455 Quantitative Analysis (4)
- CJ111 Introduction to Criminal Justice (3)
- CJ155 Criminal Law (3)
- CJ217 Criminal Investigation (3)
- CJ221 Criminal Evidence and Procedure (3)
- FN343 Forensic Science I (3)
- FN353 Forensic Science II (3)
- MA106 Pre-calculus Math (4)
- NS198 Natural Science Seminar (1)
- NS378 Scientific Research Methods (1)
- NS394 Cooperative Education (3) or NS391 Internship (3)
- NS499 Senior Research Project (3)
- PH210 General Physics I (4)
- PH220 General Physics II (4)
- PY230 Behavioral Statistics (3)
## GRAPHIC DESIGN (GD)
*Assistant Professor Amy Drees*

Graphic Design majors focus on using graphics and text to communicate ideas and emotions. The graphic design program at Defiance College prepares students to express ideas visually in service to their employers and the wider good of society. Graphic design students are strongly encouraged to complete an internship.

A major in Graphic Design requires 54 semester hours, including:

<table>
<thead>
<tr>
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<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>AR111</td>
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<tr>
<td>AR112</td>
<td>3D Design</td>
<td>3</td>
</tr>
<tr>
<td>AR130</td>
<td>Intro to Drawing</td>
<td>3</td>
</tr>
<tr>
<td>AR160</td>
<td>Intro to Photography</td>
<td>3</td>
</tr>
</tbody>
</table>

One course in art history chosen from:

<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>AR201</td>
<td>Art History II</td>
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<tr>
<td>AR300</td>
<td>History of American Art</td>
<td>3</td>
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<tr>
<td>GD115</td>
<td>Graphic Design Principles</td>
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<tr>
<td>GD214</td>
<td>Basic Computer Design</td>
<td>3</td>
</tr>
<tr>
<td>GD215</td>
<td>Intermediate Graphic Design</td>
<td>3</td>
</tr>
<tr>
<td>GD225</td>
<td>Introduction to Web Design</td>
<td>3</td>
</tr>
<tr>
<td>GD235</td>
<td>Typography</td>
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<td>GD315</td>
<td>Advanced Graphic Design</td>
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<td>GD341</td>
<td>2D Digital Animation</td>
<td>3</td>
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<tr>
<td>GD343</td>
<td>Graphic Design Production</td>
<td>3</td>
</tr>
<tr>
<td>GD425</td>
<td>Advanced Web Design</td>
<td>3</td>
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<tr>
<td>CA135</td>
<td>Introduction to Media</td>
<td>3</td>
</tr>
<tr>
<td>MK340</td>
<td>Principles of Marketing</td>
<td>3</td>
</tr>
<tr>
<td>MK341</td>
<td>Advertising</td>
<td>3</td>
</tr>
<tr>
<td>CA123</td>
<td>Media Writing</td>
<td>3</td>
</tr>
</tbody>
</table>

### ASSOCIATE OF ARTS DEGREE IN GRAPHIC DESIGN

An Associate of Arts degree is available in Graphic Design. Course requirements total 30 semester hours and include:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AR111</td>
<td>2D Design</td>
<td>3</td>
</tr>
<tr>
<td>AR112</td>
<td>3D Design</td>
<td>3</td>
</tr>
<tr>
<td>AR130</td>
<td>Intro to Drawing</td>
<td>3</td>
</tr>
<tr>
<td>AR160</td>
<td>Intro to Photography</td>
<td>3</td>
</tr>
</tbody>
</table>

Choose one Art History course:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AR201</td>
<td>Art History II</td>
<td>3</td>
</tr>
<tr>
<td>AR300</td>
<td>History of American Art</td>
<td>3</td>
</tr>
<tr>
<td>GD115</td>
<td>Graphic Design Principles</td>
<td>3</td>
</tr>
<tr>
<td>GD214</td>
<td>Basic Computer Design</td>
<td>3</td>
</tr>
<tr>
<td>GD215</td>
<td>Intermediate Graphic Design</td>
<td>3</td>
</tr>
<tr>
<td>GD225</td>
<td>Introduction to Web Design</td>
<td>3</td>
</tr>
<tr>
<td>GD235</td>
<td>Typography</td>
<td>3</td>
</tr>
</tbody>
</table>

## HISTORY (HI)
*Associate Professor Donald Buerk and Assistant Professor Jeremy Taylor*

The History program offers a variety of courses that enable students to obtain a Bachelor of Arts with either a major or minor in History. The goals of the department curriculum are to encourage an informed, critical, and articulate sense of the past, an appreciation for the diversity of the human experience, and an awareness of how the past shapes the present. As a major History develops and emphasizes practical research and communication skills and provides the foundation for graduate work, the study of law, teaching, and archival sciences.

The History major required 39 credit hours:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HI201</td>
<td>US History to 1877</td>
<td>3</td>
</tr>
<tr>
<td>HI202</td>
<td>US History from 1877</td>
<td>3</td>
</tr>
<tr>
<td>HI204</td>
<td>Europe: The Italian Renaissance to the Present</td>
<td>3</td>
</tr>
<tr>
<td>HI205</td>
<td>The 20th Century World</td>
<td>3</td>
</tr>
<tr>
<td>HI207</td>
<td>Ages of Empires</td>
<td>3</td>
</tr>
<tr>
<td>HI336</td>
<td>History of the Constitution</td>
<td>3</td>
</tr>
<tr>
<td>HI398</td>
<td>Historical Methods and Public History</td>
<td>3</td>
</tr>
<tr>
<td>HI498</td>
<td>Seminar: Senior Capstone Experience</td>
<td>3</td>
</tr>
</tbody>
</table>

Two of the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HI340</td>
<td>History of the Middle East</td>
<td>3</td>
</tr>
<tr>
<td>HI350</td>
<td>History of Asia</td>
<td>3</td>
</tr>
<tr>
<td>HI360</td>
<td>Latin American History</td>
<td>3</td>
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</table>

One of the following sets of classes:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GE231</td>
<td>Geography of the Americas</td>
<td>3</td>
</tr>
<tr>
<td>HI311</td>
<td>Colonial America</td>
<td>3</td>
</tr>
<tr>
<td>HI345</td>
<td>The Ohio Area</td>
<td>3</td>
</tr>
<tr>
<td>GE232</td>
<td>World Geography</td>
<td>3</td>
</tr>
<tr>
<td>HI328</td>
<td>Political Geography</td>
<td>3</td>
</tr>
<tr>
<td>PS237</td>
<td>American Government and Politics</td>
<td>3</td>
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</tbody>
</table>

### MINOR IN HISTORY

The History Minor requires 21 credit hours, including:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HI201</td>
<td>US History to 1877</td>
<td>3</td>
</tr>
<tr>
<td>HI202</td>
<td>US History from 1877</td>
<td>3</td>
</tr>
<tr>
<td>HI204</td>
<td>Europe: The Italian Renaissance to the Present</td>
<td>3</td>
</tr>
<tr>
<td>HI207</td>
<td>Ages of Empires</td>
<td>3</td>
</tr>
<tr>
<td>HI205</td>
<td>The 20th Century World</td>
<td>3</td>
</tr>
<tr>
<td>HI340</td>
<td>History of the Middle East</td>
<td>3</td>
</tr>
<tr>
<td>HI350</td>
<td>History of Asia</td>
<td>3</td>
</tr>
<tr>
<td>HI360</td>
<td>Latin American History</td>
<td>3</td>
</tr>
<tr>
<td>HI398</td>
<td>Historical Methods and Public History</td>
<td>3</td>
</tr>
</tbody>
</table>

And two of the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HI311</td>
<td>Colonial America</td>
<td>3</td>
</tr>
<tr>
<td>HI336</td>
<td>History of the Constitution</td>
<td>3</td>
</tr>
<tr>
<td>HI345</td>
<td>The Ohio Area</td>
<td>3</td>
</tr>
<tr>
<td>HI498</td>
<td>Seminar: Senior Capstone Experience</td>
<td>3</td>
</tr>
</tbody>
</table>
INTERNATIONAL AND GLOBAL STUDIES (IS)
Assistant Professor Dean Johnson, Program Director

Because the influence of governments, corporations, schools, and organizations of all kinds will continue to grow, global interdependence has become increasingly important. The Bachelor of Arts in International and Global Studies is a 45-48 hour major offering students an interdisciplinary program that examines the world from multiple perspectives and enables them to compete successfully in the international arena. Its interdisciplinary curriculum links history, sociology, geography, non-western literature, intercultural communications, management, economics, and natural science.

The International and Global Studies major requires the following core of 30 hours:

- IS211 Introduction to International and Global Studies (3)
- IS300 Conflict Resolution/Peace Studies (3)
- IS450 Seminar in International and Global Studies (3)
- IS499 Senior Capstone Project (3-6)
- BA140 Introduction to Business (3)
- HI328 Political Geography (3)
- NS392 Global Sustainability (3)
- PS237 American Government and Politics (3)
- RL201* Approaches to Religion or RL267 Islam (3)
- SW265* Cultural Diversity (3)

*May also count for general education requirements.

In addition to the above courses are two requirements that the advisor oversees:

- A foreign language component approved by the major advisor. This requirement could be met in a number of ways, such as foreign language immersion coursework, CLEP examination, or other college-approved component.

- An internship, study-abroad or urban studies experience approved by the major advisor. It is strongly recommended that this component of the program include specialization in an area appropriate to the interests and career goals of the student.

In addition to the core courses, the major requires 15 hours listed below or one of the following three concentrations:

**PEACE STUDIES CONCENTRATION (18 hours)**
- RL201 Approaches to Religion (3) or RL267 Islam (3)
- EN325 Postcolonial Literature (3)
- PY110 Introduction to Psychology (3)
- Two Courses from the following list:
  - CA335 Intercultural Communications and Technology (3)
  - CA442 Public Advocacy (3)
  - PY310 Social Psychology (3)
  - SW235 Social Problems (3)

One from the following list:
- CA440 Organizational Communication (3)
- MG331 Management and Organizational Behavior (3)
- RL353 Leadership and Group Work Theory (3)

**INTERNATIONAL BUSINESS CONCENTRATION (18 hours)**
- AC221 Financial Accounting (3)
- AC222 Managerial Accounting (3)
- BA365 International Business (3)
- EC205 Macroeconomics (3)
- EC375 International Trade (3)
- MG331 Management and Organizational Behavior (3)

**SUSTAINABLE DEVELOPMENT CONCENTRATION (16 hours)**
- BA365 International Business (3)
- Two of the following courses:
  - CA335 Intercultural Communications (3)
  - CA440 Organizational Communication (3)
  - CA424 Public Advocacy (3)
- One Course from following list:
  - BI113 Environment Around Us (4)
  - BI320 Ecology (4)

One Course from the following list:
- HI340 History of the Middle East (3)
- HI350 History of Asia (3)
- HI360 Latin American History (3)

**MINOR IN INTERNATIONAL AND GLOBAL STUDIES**
The International and Global Studies minor requires the following 18 hours:
- HI328 Political Geography (3)
- IS211 Introduction to International and Global Studies (3)
- IS300 Conflict Resolution/Peace Studies (3)
- NS392 Global Sustainability (3)
- RL201 Approaches to Religion (3) or RL267 Islam (3)
- SW265 Cultural Diversity (3)
- BA365 International Business (3)

Without a Concentration the following 15 hours must be completed:
- EC205 Macroeconomics (3)
- EN325 Postcolonial Literature (3)
- GE232 World Geography (3)

And Two Courses from the following list:
- BA365 International Business (3)
- CA335 Intercultural Communication (3)
- CA440 Organizational Communication (3)
- EC375 International Trade (3)
- MG331 Management and Organizational Behavior (3)
- RL353 Leadership and Group Work Theory (3)
- RL321 Ethics and Morals (3)

Other courses as approved by advisor.
MATHEMATICS (MH)
Assistant Professors Josh Francis and David Stuckey

Mathematics is the body of knowledge centered on such concepts as quantity, structure, space, and change, and also the academic discipline that studies them. While the majority of math majors at Defiance College go on to become teachers of mathematics, there are many opportunities in mathematics outside of the classroom. A math major will get to work with a local community agency using coursework and computer technology to aid them in their efforts. This experience among others will prepare the Defiance College graduate to step into a position in business, industry, actuarial science, government agency or graduate school.

The mathematics major requires 40 semester hours, including:

- MA201 Analytical Geometry and Calculus I (4)
- MA202 Analytical Geometry and Calculus II (4)
- MA203 Analytical Geometry and Calculus III (4)
- MA301 Linear Algebra (4)
- MA405 Operations Research (3)
- MA490 Senior Capstone Project (3)

Choose two from the following:
- MA302 Modern Abstract Algebra (4)
- MA304 Modern Geometry (4)
- MA420 Real Analysis (4)

Choose one of the following:
- EC201 Microeconomics (3)
- PH210 General Physics I (4)

And an additional 2-3 math electives from courses numbered 200 or above to achieve a total of 40 hours.

MINOR IN MATHEMATICS
The mathematics minor requires at least 18 semester hours including:

- MA201 Analytical Geometry and Calculus I (4)
- MA202 Analytical Geometry and Calculus II (4)
- MA301 Linear Algebra (4) or MA302 Modern Abstract Algebra (4)
- 6 additional credits are selected from MA courses numbered 200 or above.

MEDICAL LABORATORY SCIENCE (MT)
Associate Professors Somnath Dutta, Nathan Griggs, and Douglas Kane; Assistant Professors Kenneth Adair and Alyson Laframboise

This is a 3+1 baccalaureate program in medical laboratory science. The first three years, taken at Defiance College, include general education requirements, 36 credits in biology and 18 credits in chemistry, for a minimum of 90 credits. The fourth year students apply for 12 months of clinical internship in a hospital accredited for teaching medical laboratory science, for which 30 credits will be granted. Acceptance by hospitals is competitive and cannot be guaranteed. These hospitals are accredited by the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS) and upon successful completion of the clinical internship and awarding of the baccalaureate degree students may sit for the exam sponsored by the American Society of Clinical Pathologists (ASCP).

Course requirements include:

- B120 Principles of Biology I (4)
- B129 Principles of Biology II (4)
- B123 Human Anatomy and Physiology I (4)
- B126 Human Anatomy and Physiology II (4)
- B138 Histology (4)
- B135 Microbiology (4)
- B143 Molecular Biology (4) or BI480 Genetics (4)
- BI462 Immunology (4)
- BI481 Pathogenic Microbiology (4)
- CH123 General Chemistry I (4)
- CH124 General Chemistry II (4)
- CH233 Organic Chemistry I (5)
- CH234 Organic Chemistry II (5)
- NS198 Natural Science Seminar (1)
- NS378 Scientific Research Methods (1)
- NS491 Medical Laboratory Science Internship (30)
- MA106 Pre-Calculus Mathematics (4)
- PY230 Behavioral Statistics (3)

MOLECULAR BIOLOGY (MO)
Associate Professors Somnath Dutta, Nathan Griggs, and Douglas Kane; Assistant Professors Kenneth Adair and Alyson Laframboise

The Molecular Biology Major is a pre-professional program geared for those students interested in careers in medicine, research, veterinary science, pharmacy or similar professional careers.

The program requires 77 or 78 credit hours including:

- B120 Principles of Biology I (4)
- B129 Principles of Biology II (4)
- B123 Human Anatomy and Physiology I (4,4)
- B126 Human Anatomy and Physiology II (4,4)
- OR
- B135 Comparative Vertebrate Anatomy (4) and B137 Vertebrate Physiology (4)
- B130 Ecology (4)
- B1358 Microbiology (4)
Music plays an important role in our society and in enriching each of our lives. At Defiance College, students with an interest in music may participate in one or more of the College’s performing groups or study performance privately. Music (MU) courses also offer students to obtain elective credits within an area of interest and the MU110 Introduction to Music course is an option to fulfill the Fine Arts general education requirement.

Three minors are available in music: Music, Music Ministry, and Music Theatre. All three minors focus on developing the skills involved in creating, preforming, and analyzing music successfully. Each minor in music requires 24 hours, including the 11 core requirements and 13 hours specific to each minor.

Core Requirements for minors in music total 11 hours including:
- MU123 Musicianship I (4)
- MU124 Musicianship II (4)
- MU371 Leadership in Music (3)

MINORS IN MUSIC

Music Minor (Core + 13)
The music minor is designed to provide students with skills to increase success in music through further understanding and appreciation.

- MU138 Private Applied Music, A Piano (1)
- MU138 Private Applied Music, Any Section (3)
- MU139/MU140 Music Ensembles (3)
- MU335 History of Western Music I (3)

And one of the following:
- MU230 History of Rock and Roll (3)
- MU336 History of Western Music II (3)

Music Ministry Minor (Core + 13)
The music ministry minor is designed to provide students with the skills to successfully lead music in a worship setting.

- MU138 Private Applied Music, A Piano (1)
- MU138 Private Applied Music, C Guitar (1)
- MU138 Private Applied Music, Any Section (2)
- MU335 History of Western Music I (3)
- RL397 Field Work (3)
- Any additional RL course other than Ministry Studies Elective (3)

Music Theatre Minor (Core + 13)
The music theatre minor is designed to provide students with skills to participate and contribute successfully with community theatre programs. Music theatre minors are required to audition and participate in each DC Players production in addition to the 11 core hours and the additional 13.

- MU138 Private Applied Music, A Piano (1)
- MU138 Private Applied Music, B Voice (1)
- MU138 Private Applied Music, Any Section (2)
- MU336 History of Western Music II (3)
- CA221 Introduction to Acting (3)
- CA421 Theatre Directing and Design (3)

NURSING (NR)
Assistant Professor Cynthia Woodfield, Director of the Nursing Program and Assistant Professor Lisa Condon

RN TO BSN COMPLETION PROGRAM
The major in Nursing at Defiance College leading to the BSN is a completion program designed for Associate Degree prepared nurses or Diploma nurses who graduated from an accredited nursing program and have current active RN licensure. Students must also have a GPA of 2.5 or higher to be admitted into the program. Students must complete the required Defiance College general education courses as well as the nursing courses listed below. Courses are held one to two days per week to accommodate various working schedules. Courses are offered in both blended and online formats using both online and face-to-face classroom instruction. Baccalaureate prepared nurses have a broad base of learning that combines the technical aspects of nursing with the leadership skills necessary to lead in today’s dynamic health care environments. Students will gain additional knowledge in the liberal arts and take nursing courses to prepare them for leadership positions.

To reach this goal each student must receive a grade of “C” or better for each nursing course. Courses must be repeated if grade lower than “C” is earned.

Students will be required to take or demonstrate proficiency for the following prerequisites:
- IT 102 Word Processing/Clip Art Skills (1)
- IT 103 Spreadsheet Skills (1)
- IT 104 Presentation Skills (1)
SW/PY230 Behavioral Statistics (3)
CH113 Chemistry Around Us (4)
Total Prerequisite Hours (10)

Nursing Courses:
NR365 Nursing in Globalized World (3)
NR380 Nursing Informatics (2)
NR400 Nursing Transitions (3)
NR415 Nursing Research (3)
NR475 Community Health Nursing

6 credits 4 Lecture + 2 Clinical (90 clock hours)
NR480 Nursing Leadership and Management

6 credits 4 Lecture + 2 Clinical (90 clock hours)

Professional Elective (3 hours required):
Choose one of the following courses to meet Professional Elective:
MG331 Management and Organizational Behavior (3)
OS469 Principles of Supervision (online only) (3)
PY345 Addictive-Compulsive Behavior (3)

Total Nursing Hours 26 credits

1-2-1 BSN PROGRAM IN PARTNERSHIP WITH NORTHWEST STATE COMMUNITY COLLEGE

In partnership with Northwest State Community College, Defiance College offers a BSN in a four-year format for students with no prior college experience. The first year is taken at Defiance College (courses listed below). For their second and third years, students will transfer to Northwest State Community College and complete the Associate Degree/RN program. Students will transfer back to Defiance College after completing the Associate Degree Program at Northwest State Community College. To be admitted into the BSN completion program upon their return to Defiance College, students must successfully complete the NCLEX-RN Exam during the summer after their third year, and be in good academic standing (at least a 2.5 GPA).

To be eligible for this special partnership program, students must apply to Northwest State Community College prior to matriculation at Defiance College. Ten places in the RN program will be guaranteed to students who complete the first year at Defiance College, meeting all the requirements below. Availability of seats in the Northwest State program are competitive and students will be notified after review of the full first year transcript on or about June 1, pending nurse aide certification and passing PAX-RN entrance exam (see guidelines below). Students who meet requirements but do not receive one of the ten guaranteed spaces in the 1-2-1 program may still be accepted into the Northwest State nursing program on a space available basis.

To be eligible to transfer into the Northwest State Community College RN program, students must have a cumulative GPA at Defiance College of at least a 2.5, with a grade of ‘Pass’ on the nurse aide certification exam (NR101) at least a ‘C’ in the following classes: Chemistry 113; Arts & Humanities 110, 120; Math 105; Information Technology 102,103 &104. Students entering the NSCC nursing program are also required to pass the NLN Preadmission Exam (PAX-RN) and achieve in the 50th percentile in each area tested. PAX-RN tests in the area of Science, Math and Verbal ability. Students who do not achieve in the 50th percentile in all areas tested must wait 6 months to retest. PAX-RN exam can only be taken two times.

In addition to the courses listed above, to be eligible to transfer into the Northwest State RN program, students must have taken High School Biology with Lab and received a minimum grade of ‘B’ or, if they received a ‘C’ in High School Biology they must have an ACT science score of >24. If students do not meet these minimums, they must take a college-level Biology course and pass with at least a ‘C’.

ORGANIZATIONAL SUPERVISION AND LEADERSHIP (OS)

Professor Wayne Buchanan; Assistant Professor Michael Wolfe

A major in Organizational Leadership and Supervision is available only as a completion program for individuals holding an Associate’s Degree. It is not available as a stand-alone major. The goals of the program are to provide courses in business that will add value to an Associate Degree from an accredited two-year institution. Students will develop an understanding and knowledge in the functional areas of business including the ethical principles and concepts of those functional areas. Students finishing the program will be able to assume first-line or higher management positions with the skills, knowledge and abilities to make ethically informed operational decisions.

The program totals 42 semester hours including:
AC221 Financial Accounting (3)
AC222 Managerial Accounting (3)
BA212 Business Statistics (3)
BA228 Business Communication (3)
BA350 Business Finance (3)
EC201 Microeconomics (3)
EC205 Macroeconomics (3)
MG331 Management and Organizational Behavior (3)
MG332 Human Resource Management (3)
MG340 Teamwork and Teambuilding (3)
MG470 Organizational Leadership (3)
MK340 Principles of Marketing (3)

One additional 300 or 400-level Business course. Students should check with their advisors to make sure they have the required prerequisites for these courses.

Senior Capstone
BA490 Business Policy (3)
Major Requirements

PSYCHOLOGY (PY)
Professor Deborah Dalke; Associate Professor Kristin Sorensen

Students who major in psychology will acquire a broad understanding of psychological functioning in a variety of contexts and will be trained to conduct psychological research. This background will enable students to pursue entry-level positions in fields such as mental health, business, law enforcement, and college admissions. The psychology major also prepares students for graduate work in psychology, counseling, law, and other professional programs. Students should choose a minor or second major that complements their interests in psychology. Students who want to obtain a graduate degree in clinical or counseling psychology are encouraged to enroll in a field experience course, PY497.

The psychology major requires 39 credit hours including:
- PY110 Introduction to Psychology (3)
- PY230 Behavioral Statistics (3)
- PY260 Social Psychology (3)
- PY290 Abnormal Psychology (3)
- PY302 Psychology Research Methods* (3)
- PY305 History and Systems of Psychology (3)
- PY315 Theories of Personality (3)
- PY430 Memory and Cognition (3)
- PY498 Senior Seminar (3)

plus 12 credit hours selected from:
- PY205 Sport Psychology (3)
- PY225 Infancy and Childhood (3)
- PY227 Adolescence and Adulthood (3)
- PY345 Addictive-Compulsive Behavior (3)
- PY420 Industrial/Organizational Psychology (3)
- PY450 Neuroscience (3)

Strongly recommended for students considering graduate school in clinical psychology.

MINOR IN PSYCHOLOGY
The psychology minor consists of Introduction to Psychology (PY110) and an additional 15 credit hours of psychology courses, six (6) of which must be at the 300 level or above. Students who choose to take a research methods course to fulfill the minor may take either SW 301 or PY 302.

RELIGIOUS STUDIES, MINISTRY STUDIES, AND DESIGN FOR LEADERSHIP
Associate Professor Marian Plant, Assistant Professor Dean Johnson

Students may choose from two major programs in religion: Religious Studies or Ministry Studies. In order to meet the growing vocational needs of our students these two programs offer a central core of classes and several concentrations. The Religious Studies major focuses on understanding religious ideas, values, and practices within Christianity as well as other religious traditions. The religion faculty engages students in open inquiry, dialogue, research and study in an ecumenical environment that values people from differing religious and cultural traditions. The Religious Studies major provides pre-professional as well as pre-graduate school preparation through an excellent overview of important theories, methods, and areas of study in the field.

The Ministry Studies major focuses on professional preparation for work in local church or church-related settings. The major balances current theory and best practices with scholarship and application. In addition to the Core Requirements, students in the Ministry Studies major engage in experiential learning and research that equips them to work in a variety of local church or church-related positions and with various age level and ministries or to enter seminary in preparation for ordained ministry. Student internships take place in local Defiance area settings where students work with ministers and lay leaders to develop and nurture varied and challenging ministries.

Core Requirements for Religious Studies and Ministry Studies totals 14 Hours including:
- RL198 Seminar in Religious Studies (total of 2 credit hours)
- RL321 Ethics and Morals (3)
- RL356 Forming One’s Faith (3)
- RL380 Theories and Methods in the Study of Religion (3)

And one of the following:
- RL211 Introducing the Old Testament: Chaos, Calamity and Covenant (3)
- RL212 Introducing the New Testament: Teachings of Jesus and the Early Church (3)

The major in Religious Studies totals 36 hours, including the Core Requirements and One of the following 22 hour Concentrations:

Religious Studies (Core + 22 hours)
One of the following biblical study courses not already taken as a part of the core:
- RL211 Introducing the Old Testament: Chaos, Calamity and Covenant (3)
- RL212 Introducing the New Testament: Teachings of Jesus and the Early Church (3)

And
- RL198 Seminar in Religious Studies (total of 1 credit hour in addition to the Core Requirements)
- RL201 Approaches to Religion (3)
- RL210 Spirituality and Wholeness (3)
- RL265 The Black Church in America (3)
- RL267 Islam (3)
- RL499 Senior Capstone (3)

And one of the following:
- RL360 Women and Men through the History of Christianity (3)
- RL395 Special Topics as approved (3)

Religion and Service (Core + 22 hours)
- RL175 Beyond Volunteerism (3)
- RL198 Seminar in Religious Studies (total of 1 credit hour in addition to the Core Requirements)
- RL201 Approaches to Religion (3)
- RL353 Leadership and Group Work Theory (3)
<table>
<thead>
<tr>
<th>Major Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>RL397 Field Experience/Internship (3)</td>
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<tr>
<td>RL475 Administrative Policies and Practices (3)</td>
</tr>
<tr>
<td>RL497 Field Experience/Internship (3)</td>
</tr>
<tr>
<td>RL499 Senior Capstone (3)</td>
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</tbody>
</table>

**Religion and Peace Studies (Core + 22 hours)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>RL198</td>
<td>Seminar in Religious Studies (total of 1 credit hour in addition to the Core Requirements)</td>
</tr>
<tr>
<td>RL201</td>
<td>Approaches to Religion (3)</td>
</tr>
<tr>
<td>RL210</td>
<td>Spirituality and Wholeness (3)</td>
</tr>
<tr>
<td>RL353</td>
<td>Leadership and Group Work Theory (3)</td>
</tr>
<tr>
<td>RL310</td>
<td>Mediation and Conciliation (3)</td>
</tr>
<tr>
<td>RL499</td>
<td>Senior Capstone (3)</td>
</tr>
<tr>
<td>IS300</td>
<td>Conflict Resolution/Peace Studies (3)</td>
</tr>
</tbody>
</table>

And one of the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>EN325</td>
<td>Postcolonial Literature (3)</td>
</tr>
<tr>
<td>SW265</td>
<td>Cultural Diversity (3)</td>
</tr>
<tr>
<td>RL397</td>
<td>Field Experience/Internship (3)</td>
</tr>
<tr>
<td>-- 395</td>
<td>Special Topics as approved (3)</td>
</tr>
</tbody>
</table>

The major in Ministry Studies totals 56 hours, including the Core Requirements, 12 Hours of Fieldwork/Internships, and One of the following 30 hour Concentrations:

**Ministry Studies – Church Leadership (Core + 42 hours including 12 hours field experience/internship)**

<table>
<thead>
<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>RL175</td>
<td>Beyond Volunteerism (3)</td>
</tr>
<tr>
<td>RL250</td>
<td>Program Development and Resource Theory (3)</td>
</tr>
<tr>
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<td>Mediation and Conciliation (3)</td>
</tr>
<tr>
<td>RL353</td>
<td>Leadership and Group Work Theory (3)</td>
</tr>
<tr>
<td>RL360</td>
<td>Women and Men through the History of Christianity (3)</td>
</tr>
<tr>
<td>RL395</td>
<td>Special Topics as approved (3)</td>
</tr>
<tr>
<td>RL475</td>
<td>Administrative Policies and Practices (3)</td>
</tr>
<tr>
<td>PY225</td>
<td>Infancy and Childhood (3)</td>
</tr>
<tr>
<td>PY227</td>
<td>Adolescence and Adulthood (3)</td>
</tr>
</tbody>
</table>

And

<table>
<thead>
<tr>
<th>Course Code</th>
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</thead>
<tbody>
<tr>
<td>RL397</td>
<td>Field Experience/Internship (3+3)</td>
</tr>
<tr>
<td>RL497</td>
<td>Field Experience/Internship (3+3)</td>
</tr>
</tbody>
</table>

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<table>
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<tr>
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<tbody>
<tr>
<td>RL211</td>
<td>Introducing the Old Testament: Chaos, Calamity and Covenant (3)</td>
</tr>
<tr>
<td>RL212</td>
<td>Introducing the New Testament: Teachings of Jesus and the Early Church (3)</td>
</tr>
</tbody>
</table>

**Ministry Studies – Youth & Family Ministries (Core + 42 hours including 12 hours field experience/internship)**

<table>
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<tr>
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<tbody>
<tr>
<td>RL122</td>
<td>Foundations of Christian Education (3)</td>
</tr>
<tr>
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</tr>
<tr>
<td>PY227</td>
<td>Adolescence and Adulthood (3)</td>
</tr>
<tr>
<td>SW239</td>
<td>Marriage and Family Life (3)</td>
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</tbody>
</table>

And

<table>
<thead>
<tr>
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<tbody>
<tr>
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</table>

**Ministry Studies – Youth Ministry & Recreation** (Core + 42 hours including 12 hours field experience/internship)

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<tbody>
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<td>Field Experience/Internship (3+3)</td>
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<td>RL212</td>
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</tbody>
</table>

**Ministry Studies – Faith Formation & Christian Educational Ministries** (Core + 42 hours including 12 hours field experience/internship)

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<tbody>
<tr>
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<td>RL353</td>
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</tr>
<tr>
<td>RL360</td>
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</tr>
<tr>
<td>RL475</td>
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</tbody>
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And

<table>
<thead>
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<th>Course Title</th>
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</thead>
<tbody>
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<tr>
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</tr>
</tbody>
</table>

And one of the following:

<table>
<thead>
<tr>
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<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES122</td>
<td>Camp Counseling and Administration (3)</td>
</tr>
<tr>
<td>ES372</td>
<td>Recreation Programming (3)</td>
</tr>
</tbody>
</table>
MINOR IN RELIGIOUS STUDIES
The Religious Studies minor works well in tandem with a variety of majors. Recent graduates and current students have added religious studies minors to majors in international studies, English, wellness and corporate fitness, social work and psychology.

The minor in Religious Studies totals 18 hours including:
- RL201 Approaches to Religion (3)
- RL321 Ethics and Morals (3)
- RL380 Theories and Methods in the Study of Religion (3)

And one of the following:
- RL211 Introducing the Old Testament: Chaos, Calamity and Covenant (3)
- RL212 Introducing the New Testament: Teachings of Jesus and the Early Church (3)

And
Six (6) hours to be selected from 300-400 level courses as approved by the Religion and Ministry Studies program.

MINOR IN MINISTRY STUDIES
The Ministry Studies minor also works in tandem with a variety of majors. Recent graduates and current students have added Ministry Studies minors to majors in art education, social work, communication arts, and religious studies.

The minor in Ministry Studies totals 21 hours including:
- RL175 Beyond Volunteerism (3)
- RL211 Introducing the Old Testament: Chaos, Calamity and Covenant (3)
- RL212 Introducing the New Testament: Teachings of Jesus and the Early Church (3)
- RL353 Leadership and Group Work Theory (3)
- RL397 Field Experience/Internship (3)

And
Six (6) hours to be selected from Religious Studies or Ministry Studies 300-400 level courses.

RELIGIOUS EDUCATION AND DESIGN FOR LEADERSHIP
All Design for Leadership programs are described in detail online at: www.defiance.edu/pages/design_for_leadership.html, by emailing a request to design@defiance.edu, or by writing to: Coordinator of the Design for Leadership, Defiance College, 701 N. Clinton St., Defiance, OH 43512.

The Design for Leadership is a Distance Learning program created in 1971 to serve persons who seek a career in religious education, but whose geographical location makes it impossible for them to pursue studies in a college offering a major in religious education. The Design for Leadership also serves persons already employed in religious education, but needing formal education in the profession. Most students in the Design for Leadership are re-entry or non-traditional students; that is, they are beyond the traditional college age of 18-25.

The program was initiated and continues to be supported by the Schauffler Endowment. Funds from the United Church Council on Higher Education and various churches have enabled the program to move beyond Ohio and serve students anywhere in the United States, Canada or the Armed Forces. Graduates find employment in both part-time and full-time positions in churches or continue their studies in graduate institutions.

The Design for Leadership offers both certificate and degree programs. Certificate programs available include the Church Education Certificate, the Youth Ministry Leadership Module, and the African American Ministry Leadership Module. Degree programs include an Associate of Arts in Religious Education and a Bachelor of Arts in Religious Education.

CHURCH EDUCATION CERTIFICATE
The Church Education Certificate is composed of on-line courses that are completed in one's home and community. Each of the on-line courses employs a variety of educational resources and approaches often including experiential learning and field-based application in the student's locale. Students can complete the full Defiance College Church Education Certificate program detailed below, or they can select courses from the Church Education Certificate program to meet requirements for certification in their denomination. For students choosing to continue their studies, courses completed may be applied toward a Bachelor of Arts or an Associate of Arts degree without loss of credit.

The requirements for the Defiance College Church Education Certificate total 36 semester hours including:

**Year One**
- DL122 Foundations of Christian Religious Education (3)
- DL250 Curriculum Theory and Resources (3)
- DL211 Introduction to the Hebrew Bible (formerly The Bible: Old Testament) (3)
- DL212 The Life and Teachings of Jesus and the Early Church (3)
- DL175 Beyond Volunteerism: Effective Involvement of the Laity (3)
- DL226 Child Development and Faith Formation (3)

**Year Two**
- DL227 Adolescent Development and Environment (3)
- DL228 Adult Understanding, Education, Action (3)
- DL353 Leadership and Group Work Theory (3)
- DL356 Forming One's Faith: Theological Foundations (3)
- DL360 Women and Men through the History of Christianity (3)
- DL475 Administrative Policies and Practice (3)

DENOMINATIONAL CERTIFICATION IN RELIGIOUS EDUCATION
Certification criteria are established by each denomination. For this reason it is important for the student to secure complete information from his/her own denomination regarding the exact requirements of that denomination. Denominational requirements vary widely and completing this program does not
imply that a particular denomination will accept it, per se, as meeting its particular certification criteria.

**YOUTH MINISTRY LEADERSHIP MODULE**

This module is geared for persons currently active in youth ministry or motivated toward a career in youth ministry with or without prior formal training. This program of study can result in a certificate of completion of the module and/or progress toward a Church Education Certificate or a Bachelor of Arts or an Associate of Arts degree. A nine hour introductory module and a fifteen hour mid-module are both available. These options are described more completely in the Design for Leadership Catalog referenced at the beginning of this section.

The 9 hour introductory module includes:
- DL357a How to Think Theologically (1)
- DL211a Introduction to the Hebrew Bible (formerly The Bible: Old Testament) (1)
- DL212a The Life and Teachings of Jesus and the Early Church (1)
- DL227 Adolescent Development and Environment (3)
- DL395 Building Effective Youth Ministry (3)

The 15 hour mid-module adds 2 semester hours of additional work to complete 3 hours each of DL214, DL215 and DL357.

**AFRICAN AMERICAN MINISTRY LEADERSHIP MODULE**

This module is geared for persons working in, or motivated toward, a career in religious education in an African American context, with or without prior formal training in religious education. This program of study can result in a certificate of completion of this module and/or progress toward a Church Education Certificate or a Bachelor of Arts or an Associate of Arts degree. The Design for Leadership Catalog referenced at the beginning of this section gives a more complete description of how these courses will fit into a degree program.

Courses in the African American Ministry Leadership Module include:
- DL123 Christian Education in the African American Church (3)
- DL216 African American Biblical Hermeneutics (3)
- DL327 African American Youth Ministry (3)
- DL329 African American Pastoral Care (3)

**BACHELOR OF ARTS DEGREE**

The Bachelor of Arts degree is comprised of 120 semester hours and uses the courses listed above under the Church Education Certificate Program (with substitutions possible from the other certificate modules) for the major courses, coupled with four semesters (12 semester hours) of supervised field experience in a church or church related agency.

In addition, there are two other elements: 1) Defiance College's General Education Requirements (listed earlier in this catalog), and 2) elective courses. General degree requirements are identified by the Defiance College faculty, but may be taken at a local accredited college or university. Electives may also be taken through Defiance or at local institutions. A Bachelor of Arts degree is necessary preparation for study at most seminaries and all graduate schools of religion. It also constitutes a recognized credential in denominational and local church settings, particularly if the major is in Christian Education.

**ASSOCIATE OF ARTS DEGREE IN RELIGIOUS EDUCATION**

The Associate of Arts degree in Religious Education requires 61 credits or semester hours. Thirty-four of those semester hours are included as the major, using courses noted in the Church Education Certificate Program. In addition there are nine semester hours of supervised field experience (achieved over three semesters) and 30 hours of general degree requirements. The Associate of Arts degree is sought when a person feels that such a degree meets his or her needs at a particular stage of life. If one anticipates participation in graduate school, a Bachelor of Arts degree is required.

Considerable additional information about the Design for Leadership and its programs is included in the separate catalog referenced at the beginning of this section.

**RESTORATION ECOLOGY (RS)**

*Associate Professor Douglas Kane*

This practical, applied program prepares students in the field of restoration ecology and it also prepares students for graduate work in fisheries, biology, wildlife management and ecology.

The Restoration Ecology major requires 68 semester hours and includes:
- BI120 Principles of Biology I (4)
- BI129 Principles of Biology II (4)
- BI250 Field Zoology (4)
- BI270 Field Botany (4)
- BI320 Ecology (4)
- BI350 Fisheries and Wildlife Management (4)
- BI420 Restoration Ecology I (4)
- BI421 Restoration Ecology II (4)
- BI422 Restoration Ecology III (4)
- CH123 General Chemistry I (4)
- CH124 General Chemistry II (4)
- CH125 General Chemistry III (4)
- CH126 General Chemistry IV (4)
- NS198 Natural Science Seminar (1)
- NS378 Scientific Research Methods (1)
- NS310 Geographic Information Systems (4)
- NS394 Co-op/Internship (3-5)
- NS499 Senior Capstone Project (3)
- MA106 Pre-Calculus Mathematics (4)
- PY230 Behavioral Statistics (3)
SOCIAL WORK (SW)
Professor Jeffrey Weaver, Program Director; Assistant Professor Alesia Yakos-Brown, Field Coordinator

Mission Statement: The Defiance College Social Work Program strives to be a learning and nurturing community where the facets of students are developed through self-reflection, academics, experiential learning, and openness. Our aim is to develop professional generalist social workers who embody the values of our profession, while striving to understand the complexity of people and their circumstances, and are dedicated to strengthening the communities, groups, and individuals that comprise our diverse world. The program also strives to develop servant leaders who seek to enrich opportunities for the oppressed and are advocates for social justice.

Program Goals:
1. To prepare the student for immediate entry into employment in a social work field at the beginning practice level.
2. To prepare the student for licensure as a baccalaureate social worker (L.S.W.) in the state of Ohio.
3. To prepare the student for graduate school education in social work by giving them an adequate foundation in the five component parts of our curriculum: social research, social welfare policy and delivery, human behavior and social environment, social work practice skills, and field practicum in addition to curriculum content in values, ethics, diversity, social and economic justice and populations-at-risk.
4. To promote life-long learning and professional growth for students and area social work practitioners.

Program Admission Policies and Procedures:
Students who chose to major in social work must make formal application to the Social Work Program. Applications should be submitted to the Social Work Program Director during the Spring semester of the Sophomore year (by Fall of the Junior year for transfer students) to ensure the sequencing of required practice courses and field placement.

Students must meet the following criteria in order to be accepted for admission to the Defiance College Social Work Program: Sophomore standing and completion of 21 credits in Social Work pre-professional sequence courses.
2. Have a cumulative grade point average of 2.25 or above.
3. Have a cumulative grade point average of 2.5 or above in Social Work courses completed in the preprofessional sequence or permission of the Social Work Program Director.
4. Complete a written application.
5. Submit a written autobiographical paper.
6. Submit three completed professional reference forms.
7. Complete a personal disclosure form.
9. Read the Defiance College Social Work Program Student Handbook and agree to abide by its contents including the NASW Code of Ethics, the Ohio Code of

Ethical Practice and Professional Conduct, and the Policy for Dismissal from the Program.

Course Requirements:
The Social Work major (42 credits) includes 30 credits in social work courses and 12 credits in field placement.

- SW121 Introduction to Social Work (3)
- SW235 Social Problems (3)
- SW278 Interviewing and Interpersonal Communication (3)
- SW301 Research Methods (3)
- SW355 Practice I: Generalist Practice (3)
- SW356 Practice II: Groups and Families Generalist Practice (3)
- SW379 Applied Behavioral Science (3)
- SW397 Field Experience (3)
- SW457 Practice III: Macro Systems Generalist Practice (3)
- SW476 Social Welfare and Policy Development (3)
- SW486 Field Instruction (9)
- SW488 Senior Seminar (3)

The pre-professional sequence courses are prerequisites for upper division social work courses and must be completed prior to admission into the program. These courses are:

- PY110 Introduction to Psychology (3)
- PY225 Infancy and Childhood (3)
- PY227 Adolescence and Adulthood (3)
- PY290 Abnormal Psychology (3)
- SO120 Life in Society (3)
- SW230 Behavioral Statistics (3)
- SW239 Marriage and Family Life (3)
- SW265 Cultural Diversity (3)

SOCIOLOGY (SO)
Sociology is a service area and no major is offered. The course offerings in this area should be considered as cognate courses for such areas as social work, criminal justice, pre-law, history and pre-theology.

SPORT MANAGEMENT (SM)
Professor Timothy Rickabaugh; Associate Professor Craig Rutter; Assistant Professor Matthew Lydum; Assistant Professor of Practice Todd Yunker

The Sport Management Major (47 credits) is designed for the individual planning to pursue a career as: recreation leader, sporting goods retailer, professional team administrator, sports lawyer, sports psychologist, resort manager, golf course or country club manager. It is also appropriate for those considering careers as a sports consultant to businesses, churches, camps, etc. and for those interested in employment as a sports information director or sports journalist. The program is designed to prepare students to obtain either an entry-level position upon graduation or to continue their studies in graduate school.

The Sport Management Major (70-73 hours) includes:
- AC221 Financial Accounting (3)
Required courses for the Wellness and Corporate Fitness major include:

- **BI229** Essentials of Human Anatomy and Physiology (4)
- **ES121** Introduction to Exercise Science (3)
- **ES125** Personal and Community Health (3)
- **ES234** Community First Aid and CPR (1)
- **ES237** Recreation for Special Populations (3)
- **ES330** Pharmacology (2)
- **ES340** Nutrition (2)
- **ES355** Exercise Physiology (3)
- **ES357** Muscle Structure and Function (2)
- **SW340** Health Care Issues (3)
- **WE297** Field Experience (3)
- **WE390** Wellness Program Implementation (3)
- **WE490** Advanced Wellness Program Implementation (3)
- **WE491** Internship (3)

MINOR IN WELLNESS AND CORPORATE FITNESS

The minor in wellness and corporate fitness requires 23 hours, and includes:

- **BI229** Essentials of Human Anatomy and Physiology (4)
- **ES121** Introduction to Exercise Science (3)
- **ES125** Personal and Community Health (3)
- **ES330** Pharmacology (2)
- **ES340** Nutrition (2)
- **ES355** Exercise Physiology (3)
- **WE390** Wellness Program Implementation (3)
- **WE490** Advanced Wellness Program Implementation (3)

A Red Cross First Aid and CPR card should be secured by the student.

MINOR IN RECREATION

A minor program in Recreation is offered in the Exercise Science area. Requirements total 18 to 19 hours and include:

- **PE117** Secondary School Activities (3)
- **ES122** Camp Counseling and Administration (3)
- **ES129** Recreation Theory and Leadership (3)
- **ES234** Community First Aid and CPR (1)
- **ES237** Recreation for Special Populations (3)
- **ES372** Recreation Programming and Administration (3)

and one course chosen from:

- **PE259** Adapted Physical Education, Recreation, and Sport (2)
- **PE260** Physical Education in the Elementary School (3)
- **PE361** Principles of Coaching (2)
- **ES481** Organization and Administration of Physical Education, Health, and Recreation (3)
ACCOUNTING (AC)

AC 221 Financial Accounting (3)
Survey of financial accounting and reporting for all business division majors: accounting terminology and concepts, tax and payroll requirements, internal controls, interpretation of financial statements prepared by business and nonprofit organizations.

AC 222 Managerial Accounting (3)
Accounting information used for purposes of planning and control: product costing, breakeven, budgeting, performance evaluation, pricing, decision analysis. Prerequisite: AC 221

AC 321, 322 Intermediate Accounting I, II (3,3)
In-depth study of financial accounting and reporting emphasizing both practice and underlying theory: review of the accounting cycle; control of cash, receivables and bad debts; inventory systems and valuation; payroll accounting; fixed assets; depreciation and amortization; bonds and notes payable; capital stock and retained earnings; earnings per share; income taxes; pensions; leases; cash flow statements; and reporting requirements. Prerequisite: AC 222

AC 330 Cost Management (3)
In-depth study of the controllership functions in organizations, emphasizing analysis and decision-making. This course focuses on manufacturing and cost accounting: product costing, types and behavior of costs, absorption and variable costing, job shop and batch processing, allocating overhead costs to products, activity-based costing and management, analysis of customer profitability, budget analysis, and allocation of service costs to operations.

AC 340 Federal Taxation I (3)
A survey of federal taxation of individuals, corporations, and partnerships. Preparation of Form 1040, including taxation of wages, dividends, interest, pensions, capital gains and losses, and business income; deductions and tax credits. Taxation of corporate and partnership income; allocation of partnership income to partners. Prerequisite: AC 221

AC 360 Nonprofit Accounting (3)
Introduction to accounting and financial reporting for nonprofit organizations, such as government agencies, public schools, universities, social welfare agencies, churches and other not-for-profit entities. The system of fund accounting to record revenues, expense assets, and liabilities of various funds. Budget preparation and interpretation of financial statements. Prerequisites: AC 221

AC 370 Accounting Information Systems (3)
An introduction to the common body of knowledge of accounting information systems (AIS). This course emphasizes the user of information systems approach with an emphasis on the resources, events, agents, (REA) model. The student will learn the terminology, reports, documents, procedures, and controls inherent in a modern AIS. Prerequisite: AC 322

AC 380 Forensic Accounting (3)
A study of occupational fraud and abuse including asset misappropriation, corruption, and fraudulent statements. The course provides an understanding of fraud examination methodology, and sets forth the schemes used by executives, managers, and employees to commit fraud against their organizations. It provides an analysis of various kinds of frauds and includes cases that illustrate and help the student understand each type of fraud. Based on extensive empirical research in forensic accounting, the course aids the student in identifying exposure to loss and appropriate prevention, detection, and investigation approaches.

AC 381 Fraud Detection and Deterrence (3)
The opportunity to commit and conceal fraud exists only when there are assets susceptible to misappropriation and a lack of internal controls to prevent or detect fraud. This course will focus on the high-risk fraud environments wherein assets are more vulnerable to misappropriation and fraud environments heightened by either a lack of, or non-functioning of, internal controls. Various fraud investigative methods and the process for communicating an expert report will play an essential role in these studies.

AC 382 Legal Elements of Fraud (3)
There are four general elements under common law, all of which must be present for fraud to exist: (1) a material false statement, (2) intent, (3) reliance on the false statement by the victim, and (4) damages. This course takes an in-depth look at each of these components in relation to crimes that fall under the umbrella of fraud. It also emphasizes federal legislation related to fraud examinations including coverage of laws that preserve the rights of individuals suspected of committing fraud and laws that govern civil prosecutions, the admittance of evidence, and the testimony of expert witnesses. Prerequisites: BA 140 and BA 363

AC 400 Accounting Fundamentals (3)
Introductory survey of accounting, financial statements for both profit-making and nonprofit organizations, tax requirements, internal controls, cost analysis, cost accounting, budgeting, decision analysis, accounting terms and concepts. Open only to MBA students without previous coursework in accounting.

AC 421 Advanced Accounting Problems (3)
This course will expand the student's understanding of corporate expansion and accounting for business combinations, intercorporate investments in common stock, reporting entity and consolidated financial statements, branch operations, segment and interim reporting, and partnerships; formation, operation, changes in membership, and liquidation.

AC 429 Auditing and Accounting Ethics (3)
Introduction to auditing and the professional work of Certified Public Accountants; auditing standards and procedures, evaluation of internal control, legal liability, professional ethics, and auditor opinions. Prerequisite or concurrent: AC 322.
AC 440 Federal Taxation II (3)
More advanced problems in taxation of individuals and business firms, based on the Internal Revenue Code and court cases. Topics include: tax planning by individuals and corporations to minimize tax liability, formation and dissolution of partnerships, estate and gift taxes and the effect of tax law on business decisions. *Prerequisite: AC 340

ART (AR)
AR 111 2D Design (3)
The exploration of art fundamentals and principles of design are explored in two dimensional media.

AR 112 3D Design (3)
The elements of art fundamentals and principles of design are explored in three-dimensional media.

AR 120 Introduction to Ceramics (3)
An introduction to the history and various ceramic processes including hand building, wheel throwing, decorating and glazing.

AR 130 Introduction to Drawing (3)
An introduction to the history, techniques and practice of observational drawing in a wide variety of media.

AR 140 Introduction to Painting (3)
An introduction to the history and practice of painting with the emphasis on the fundamentals of art and principles of design. *Prerequisite: AR111

AR 150 Introduction to Printmaking (3)
An introduction to the history, techniques and practice of printmaking through the involvement in a variety of print media.

AR 160 Introduction to Photography (3)
An introduction to the fundamentals of camera operation, file manipulation, printing and the history of photography.

AR 200 / AR 201 Art History I & II (3, 3)
The first semester is a survey of the history of painting, architecture and sculpture from a prehistoric to Renaissance Western Art as well as units on Islamic and Asian. The second semester covers from the Renaissance to the present. Courses offered in odd alternate years.

AR 202/402 Special Topics in Art (3)
An in depth exploration in a specific area or genre throughout and within the history of arts. Classes will be unique to the instructor's direction.

AR 212 Intermediate 3D Design (3)
Exploration of various media including clay, steel, stone, wood, and metal casting. Emphasis on three dimensional composition and personal interpretation. May be repeated. *Prerequisite: AR112

AR 220 Intermediate Ceramics (3)
A more in depth focus on a variety of techniques, styles, glazes, history and firings in the ceramic medium. *Prerequisite: AR120

AR 230 Intermediate Drawing (3)
The exploration of a wide variety of drawing techniques involving rendering the human form from a live model. *Prerequisite: AR130

AR 241 Intermediate Painting (3)
Painting will be addressed as a means of formal visual expression with emphasis on style and composition within the paint medium. *Prerequisite: AR140

AR 250 Intermediate Printmaking (3)
The exploration of a wide variety of techniques involved in intaglio printmaking process. *Prerequisite: AR150

AR 260 Intermediate Photography (3)
A more focused look at taking a great photo as well as photo manipulation/correction using Photoshop. *Prerequisite: AR160

AR 300 History of American Art (3)
A survey of painting, sculpture, architecture, and the decorative arts from early Native American cultures to the contemporary. Offered alternate years.

AR 320 Advanced Ceramics (3)
Individual style and technique will be the focus in this course involving an emphasis on "personal signature." *Prerequisite: AR220

AR 330 Advanced Drawing (3)
The exploration of a wide variety of mixed media drawing processes.*Prerequisite: AR230

AR 340 Advanced Painting (3)
Individual style and technique will be the focus in this course involving an emphasis on "personal signature". *Prerequisite: AR240

AR 350 Advanced Printmaking (3)
A personal approach to printmaking in a chosen technique involving a "signature style". *Prerequisite: AR250

AR 368 Metals (3)
The processes of working ferrous and non-ferrous, precious, and semi-precious metals including fabricating, casting, and smithing. May be repeated. Offered in alternate years.

AR 420 Ceramics Studio (3)
A professional approach to ceramics will be addressed in this course which will include the creation, presentation and marketing of original work. *Prerequisite: AR320
AR 430 Drawing Studio (3)
A professional approach to drawing will be addressed in this course which will include presentation and the marketing of original work. *Prerequisite: AR330

AR 440 Painting Studio (3)
A professional approach to painting will be addressed in this course which will include presentation and the marketing of original work.
*Prerequisite: AR340

AR 450 Printmaking Studio (3)
A professional approach to printmaking will be addressed in this course which will include presentation and marketing of original prints.

AR 470 Professional Practice in Art (1)
This course encompasses the diverse paths for an artist and helps develop the necessary tools for success. The focus is on presentation, marketing, documentation, networking, the artist market and gallery preparation.

AR 191, 291, 391, 491 Internship (Graded Pass/Fail)
AR 197, 297, 397, 497 Field Experience (Graded Pass/Fail)
AR 199, 299, 399, 499 Independent Research

ARTS AND HUMANITIES (AH)
AH 109 Writing Workshop (2)
Writing Workshop focuses intensively on college-preparation skills in reading, expository writing, and analytical thinking. Attention is given to development of reading comprehension and analysis of written texts as well as drafting, revising, and proofreading paragraphs and short essays in preparation for college-level coursework. Enrollment by placement only. AH110 may not be taken concurrently.

AH 110 Composition I: Writing the Self (3)
This is a writing course that focuses on American culture. Topics will be interdisciplinary and vary from section to section. Writing is taught as a process involving drafting, revision, and editing, and the following skills and modes of writing are introduced: audience awareness, analysis, paraphrase, summary, synthesis, and critique. Offered each semester. AH110 is the prerequisite for AH120, AH220 and all EN courses.

AH120 Composition II: Writing the World (3)
This is a writing-intensive interdisciplinary arts and humanities course. Topics focusing on world cultures vary from section to section. Writing is taught as a process involving drafting, revision, and editing, and the following skills and modes of writing are practiced: analysis, paraphrase, summary, and critique. In addition, web-literacy skills are introduced, and introductory research skills are introduced, and particular attention is given to the synthesis of multiple sources and written argumentation. Prerequisite: successful completion of AH110. AH120 is the prerequisite for AH220.

AH 220 Global Civilization (3)
This is a writing-intensive study of topics in global civilizations from the perspectives gained from other arts and humanities disciplines. The writing skills of AH110 and 120 are practiced in the context of the research writing process, with emphasis on a deepening of global cultures and a clearer sense of the academic process of using primary and secondary source materials in a detailed research essay. Prerequisite: AH120 or permission of the instructor.

AH 375 Topics in Film (1)
This course examines films representing contemporary issues in culture or the arts. Meeting approximately once every three weeks for film viewings and discussions, this course is taught by professors from a variety of majors and incorporates readings on the chosen topic. Topics vary from year to year. Offered spring semester. (Graded Pass/Fail). Pre-requisite: sophomore standing.

AH 498 Liberal Arts Interdisciplinary Seminar (3)
The student will develop a topic of interest which will require cross-disciplinary critical thinking skills and/or research. The course may include presentations by outside speakers, faculty members, and students with particular skills and knowledge within the humanities and arts.

ATHLETIC TRAINING (AT)
AT 100 Introduction to Athletic Training (2)
This course is an introduction to the basic concepts of athletic training within the realm of sports medicine. The course will orient the student to the athletic training knowledge and skills needed for the prevention, evaluation, and treatment of athletic injuries. Offered in the fall semester.

AT 200 Orthopedic Injury Pathology (3)
This course will instruct the student about the mechanisms, development, and progression of injuries sustained during athletic activity. Taping, bandaging, and bracing skill are also developed. Offered in the spring semester. Prerequisite: successful completion of AT100

AT 210 General Medical Conditions (3)
This course will instruct the student about the knowledge and skills needed to recognize, treat, and refer, when appropriate, general medical conditions and disabilities of athletes and others involved in physical activity. Offered in the fall semester. Prerequisite: acceptance into the major.

AT 250 Therapeutic Modalities (3)
Examination of the application and physiological responses to selected therapeutic modalities including cold, heat, electrical, traction and massage to the athletic trainer. This course requires two hours of class time and one and one half hours of laboratory time to provide the student with the opportunity to learn about modalities in athletic training. Offered in the fall semester. Prerequisite: acceptance into the major.
AT 290, 292 Practicum I and II (1,1)
These courses are for the sophomore level ATEP students only. The courses will allow the ATEP students to develop clinical skills while working under the supervision of a certified athletic trainer/clinical instructor. The students’ proficiency in the clinical skills will also be evaluated. AT290 is offered in the fall and AT292 is offered in the spring. (Graded Pass/Fail) Prerequisite: acceptance into the major.

AT 310, 311 Evaluation of Athletic Injuries I and II (3,3)
These courses will be completed in consecutive semesters. The course will provide students the opportunity to learn about commonly accepted techniques and procedures for clinical evaluation and recognition of the signs and symptoms of athletic injuries. This course requires two hours of class time and one and one half hours of laboratory time each week to instruct the students in the evaluation process. AT310 is offered in the fall semester and AT311 is offered in the spring semester. Prerequisite: acceptance into the major.

AT 390, 392 Practicum III and IV (1,1)
These courses are for the junior level ATEP students only. The courses will allow the ATEP students to develop clinical skills while working under the supervision of a certified athletic trainer/clinical instructor. The students’ proficiency in the clinical skills will also be evaluated. AT390 is offered in the fall and AT392 is offered in the spring. (Graded Pass/Fail) Prerequisite: successful completion of Practicum I and II.

AT 420 Therapeutic Exercise (3)
Essential components of a comprehensive rehabilitation program including goals, objective, exercise selection, methods of evaluating and recording progress and development of criteria for progression and return to competition. This course requires two hours of class time and one and one half hours of laboratory time each week to instruct students in the rehabilitation process. Offered in the spring semester. Prerequisite: acceptance into the major.

AT 481 Organization and Administration of Health, Physical Education and Sport (3)
This course will instruct the student in the knowledge and skills needed to properly administer the policies, facilities, and equipment required to offer athletic training services. The first five weeks of the course will discuss concepts pertaining to everyone in the Exercise Science department. The remaining ten weeks will be spent with a certified athletic trainer discussing those concepts pertaining specifically to athletic training. Offered in the fall semester.

AT 490, 492 Practicum V and VI (1,1)
These courses are for the senior level ATEP students only. The courses will allow the ATEP students to develop clinical skills while working under the supervision of a certified athletic trainer/clinical instructor in on and off-campus settings. The students’ proficiency in the clinical skills will also be evaluated. AT490 is offered in the fall and AT492 is offered in the spring. (Graded Pass/Fail) Prerequisites: successful completion of Practicum I-IV.

AUTISM STUDIES (HA)
HA 110 Introduction to Autism Spectrum Disorders and Developmental Disabilities (3)
This course would provide an overview of autism disorders and other intellectual and developmental disabilities including a historical perspective, assessment and diagnosis as well as contemporary theories of etiology and treatment. Communication, language and sensory issues common to the disorders and challenges for each stage of the lifespan will be discussed. Prerequisite: HA110

HA 210 Behavior Management and Self-Determination (3)
This course introduces students to the theories and techniques of managing and changing behavior and the principles of self-determination. The elements of measuring and recording behavior, behavior analysis and plan development within the context of least restrictive alternatives and client empowerment will be presented. Philosophical, ethical and legal issues will be discussed. Prerequisite: HA110

HA 250 Families and Communities (3)
This course explores the impact of a person with intellectual and developmental disabilities on the family. Family strengths, resources, and stressors will be examined in the context of their communities. Identification and development of community resources, parent/professional collaboration, advocacy, and public policy issues will be addressed. Prerequisite: HA110

HA 390 Behavior Intervention Practicum (3)
Students will apply their knowledge and skills in a supervised setting which provides services to persons with autism and/or other intellectual and developmental disabilities. Through observation and consultation with professional staff, students will receive 120 hours of experience with direct service provision and enhanced training on effective assessment, planning and intervention strategies. (Graded Pass/Fail) Prerequisites: HA110, 210.

BUSINESS ADMINISTRATION (BA)
BA 140 Introduction to Business (3)
This course is an introductory course in business and provides a general overview of the business environment and the practical vocabulary needed in actual work situations. This course offers information and career suggestions on functional business areas such as accounting, information systems, management, marketing, finance and economics. Required for all freshman business majors and recommended for those students who are undecided. (Course may be waived by advisor for transfer and adult students).

BA 212 Business Statistics (3)
Statistical measures and analysis, probability, sampling, hypothesis testing, regression, and correlation applied to business decision-making.
BA 214 Quantitative Business Analysis using Spreadsheets (3)
This course covers mathematical techniques applied to management and business decision-making. Concepts and application of time-value-of-money, matrix algebra, functions, graphs, linear programming, business decision models and other math models are discussed. Problem-solving and data analysis will be completed using spreadsheets. The course will combine lecture and laboratory components. Prerequisites: BA212 and IT103.

BA 228 Business Communication (3)
A study of the principles of effective written communication and their application to business situations. A comprehensive study of business writing including letters, memos, interoffice correspondence and complete analytical report writings. A study of technology and the use of electronic devices to aid in business communication will be completed. Prerequisite: AH110.

BA 250 Personal Finance (3)
Personal financial planning and management: family budgeting, income taxes, insurance, saving, borrowing, real estate, and investments. Offered on a demand only basis.

BA 260 Business Ethics (3)
This course examines corporate citizenship and social responsibility in a business context. It is designed to broaden and deepen a student's understanding of ethical issues that businesses need to consider as part of responsible decision-making. Analysis of stakeholders integrates the external and internal factors such as political factors, global forces, employee issues, etc.

BA 350 Business Finance (3)
Financial aspects of business management: financial rations, financial forecasting and budgeting, breakeven analysis and operations leverage, working capital management, cash and credit management, short-term and long-term sources of financing, stocks and bonds, capital budgeting, lease financing, and dividend policy. Prerequisite: AC222

BA 363 Business Law (3)
Introduction to commercial law: torts, contracts, sales, negotiable instruments, agency, patents, copyrights, and bankruptcy. Prerequisite: junior standing.

BA 365 International Business (3)
Introduction to the field of International Business. This course examines the broad perspective of international business related to the internal and external forces impacting global operations of domestic and multinational businesses.

BA 397 Management Internship (3)
Students work as no pay for local employers in a management trainee capacity; designed mainly for students without previous full-time experience. (Graded Pass/Fail) Prerequisites: junior standing and major in Business Administration department.

BA 490 Business Policy (3)
A senior capstone course which applies what has been learned in previous courses to realistic business situations. Business strategies, policy-making, and management philosophy are developed by means of case studies of actual companies. Prerequisites: senior standing and completion of substantially the entire business Core.

BA 194, 294, 394, 494 Cooperative Education (1-8)
Cooperative education is a supervised work experience related to a student's major or field of interest. A student should be employed full-time with pay and should not be enrolled in other courses except by special permission of the coordinator of cooperative education. A student may earn up to 16 credits upon completion of two, three-month summer terms (four credits each) and one six-month internship (eight credits). Other work arrangements must be approved by the coordinator of cooperative education and the Registrar. (Graded Pass/Fail)

BA 199, 299, 399, 499 Independent Research (1-3)
Independent research may be either project or research-oriented. Such topics are not a normal part of the curriculum and serve two needs: first, the student investigates an area of special interest; and second, the student works closely with a faculty member in planning, executing and evaluating the program.

BIOLOGY (BI)
BI 110 Introduction to Biology (4)
A study of life as an evolving system and the way biologists investigate the various aspects of such a multidimensional, dynamic system. Particular emphasis is placed on the nature and function of man as such a system. Credit does not apply to the Natural Science majors.

BI 113 Environment Around Us (4)
This course examines the characteristics of communities, ecosystems, and landscapes, the ways in which they change with time, and the impact of human activities on those changes. Included will be the study of the science behind current issues such as resource management, pollution, and global climate change, etc. In this course students will be introduced to the basic principles of ecology and environmental science, investigate how these affect the Earth's capacity to sustain life, and be able to apply these principles to understanding the environmental consequences of human activities.

BI 120 Principles of Biology I (4)
The primary goal of the course is to provide natural science majors with a sound basis in basic biological concepts that will serve them well in their academic track that lies ahead. It will cover the following topics: structure and function of macromolecules, cellular respiration, communication and cycle; photosynthesis; Mendelian genetics, inheritance, and DNA structure and function; and evolution, speciation, phylogenetics, and systematics. To maximize success in this course, successful completion of high school biology and chemistry are recommended. There is a 3 hour laboratory.
BI 125 Modern Genetics (4)
The fundamentals of classical genetics and the basic principles of human genetics are presented for the non-science major. Genetic engineering in bacteria, domestic plants and animals, and in human medicine will be discussed with the ethical issues raised by this new technology. Credit does not apply to the Natural Science majors.

BI 129 Principles of Biology II (4)
This course is intended for students majoring in a natural science and is the continuation of Biology 120. The course deals mainly with the organismal and supra-organismal levels of biological organization. Evolution will be the unifying theme. The course will cover the following topics: origin of life, prokaryotic and eukaryotic diversity; plant evolution and diversity; fungi, invertebrate and vertebrate diversity and evolution; plant and animal form and function; circulation and gas exchange, homeostasis, reproduction and development, nervous system and special senses; and behavior, population and community ecology and conservation biology. There is a 3 hour laboratory. Prerequisites: BI120, grade of “C” or better or permission of instructor.

BI 190 Medical Terminology (2)
Through the study of medical terminology the student will be introduced to the language of medicine. Students will gain an understanding of basic elements, rules of building and analyzing medical words, and medical terms associated with the body as a whole. Utilizing a systems approach, the student will define, interpret, and pronounce medical terms relating to structure and function, pathology, diagnosis, clinical procedures, oncology, and pharmacology. The student will be able to recognize, spell, pronounce and define medical words by combining prefixes, suffixes, and roots. In addition to medical terms, common abbreviations applicable to each system will be learned. This course does not satisfy the biological science general education requirement.

BI 195 Biological Science (4)
This course provides a basic understanding of biological concepts. It will cover cell function, plants, animals, genetics, gene technology, evolution and a description of the human body systems. Current issues in science will also be covered. The laboratory component will explore the scientific method and develop an understanding of how experimentation answers questions in biology.

BI 229 Essentials of Human Anatomy and Physiology (4)
This one-semester lecture and lab course will provide the essential knowledge required to understand human anatomy and various physiological processes. Major topics include cell structure and function, tissues, organ systems, homeostasis, and disease. The organ systems covered are: integumentary, skeletal, muscular, nervous, endocrine, cardiovascular, lymphatic, respiratory, digestive, urinary, and reproductive.

BI 235, 236 Human Anatomy and Physiology I,II (4,4)
A systematic approach to the structure and function of the human body. This two course sequence will cover the structure of the human body and a systems approach to the functions, homeostatic mechanisms, and the interrelationships of human organ systems. BI 235 must be taken first with grade of “C” or higher.

BI 250 Field Zoology (4)
Identification and ecological relationships of the fauna of Northwestern Ohio, and methods of designing research projects, collecting and analyzing data, to monitor these populations. Offered in alternate years. Prerequisite: BI 129 with grade of “C” or higher.

BI 270 Field Botany (4)
The study of plant communities and ecosystems in the field. Taxonomy, collection, and preservation for the College herbarium, and additional laboratory exercises using keys are included. Offered in alternate years. Prerequisite: BI 129 with grade of “C” or higher.

BI 320 Ecology (4)
Principles of ecology including the organization, interrelationships, and dynamics of populations, communities, and ecosystems. Local terrestrial and aquatic communities will be studied in the field and laboratory. Offered in alternate years. Prerequisite: BI 129 with grade of “C” or higher.

BI 338 Histology (4)
Examines the microscopic anatomy of major cell types and tissues of the human body. Their form and function will be examined as observed with slides of human and animal cells and tissues. Relationships of cell types and tissues structures to physiological functions will also be studied. Offered in alternate years. Prerequisite: BI 129 with grade of “C” or higher.

BI 350 Fisheries and Wildlife Management (4)
Foundational and applied aspects of the management of fisheries and wildlife are covered within this course. Application of ecological principles to fisheries and wildlife management, technical aspects of fisheries and wildlife management, and fisheries and wildlife legislation, organizations, and agencies are also covered. Offered in spring of alternate years. Prerequisite: BI 129 with grade of “C” or higher.

BI 357 Comparative Vertebrate Anatomy (4)
The phylogenetic relationships of vertebrates, living and extinct, as revealed by their morphology. Offered in alternate years. Prerequisite: BI 129 with grade of “C” or higher.

BI 358 Microbiology (4)
Morphology, physiology, genetics and taxonomy of microorganisms affecting humans and their environment. Culture methods and laboratory techniques for studying bacteria will be introduced. Offered in alternate years. Prerequisites: BI 129 and CH 124 with grades of “C” or higher.
BI 367 Vertebrate Physiology (4)
Physiology is the study of the physical and chemical processes underlying biological function. The focus of the course will be on the physiology of vertebrates, primarily mammals. Offered alternate years. Prerequisite; BI357, Grade of “C” or better or permission of instructor.

BI 420 Restoration Ecology I (4)
An introduction to the new science of restoration ecology. The most recent research regarding the rebuilding of complete ecosystems will be reviewed and basic ecological restoration principles studied. Laboratories will include using applied research techniques at the Thoreau Wildlife Sanctuary located near Defiance College. Offered in alternate years. Prerequisite or concurrent: BI320 with a grade of “C” or higher.

BI 421 Restoration Ecology II (4)
Advanced principles and techniques of restoring damaged or destroyed ecosystems will be studied. Emphasis will be placed upon the restoration of forest, and prairie ecosystems. Extensive field laboratory work will include hands on experience at three major ecological restoration sites within easy driving distance of the college campus. Offered in alternate years. Prerequisite: BI420 with a grade of “C” or higher.

BI 422 Restoration Ecology III (4)
The principle area of study is aquatic ecosystem restoration and includes both freshwater and marine habitats. Efforts to restore the world’s oceans, lakes, rivers, and streams are discussed. Hydrology, especially as it relates to ground water sources, is also emphasized. Laboratories focus on experimentation that promotes critical thinking and solving problems related to aquatic habitat restoration. Offered alternate years, spring semester. Prerequisite: BI420 with a grade of “C” or higher.

BI 431 Molecular Biology (4)
An in depth study of modern laboratory techniques used in recombinant DNA technology. Emphasis is placed on cloning strategies and nucleic acid detection schemes. Laboratory 3 hours. Offered alternate years, spring semester. Prerequisite: CH234 with a grade of “C” or higher.

BI 462 Immunology (4)
Study of the human immune system. Includes innate and adaptive immunity; vaccination and immunity, autoimmune disease, hypersensitivity, and immunodeficiency. Immunological laboratory methods and cell culture techniques will be introduced. Offered in alternate years. Prerequisites: BI129 and CH124 with grades of “C” or higher.

BI 480 Genetics (4)
Mechanisms of inheritance in bacteria, plants, and animals. Emphasis on genetic inheritance in man. The current DNA technology and the ethical concerns surrounding these methods will be discussed. Laboratory will introduce genetic crosses, mitosis and meiosis and current DNA techniques. Offered in alternate years. Prerequisites: BI120, BI129, and CH124.

BI 481 Pathogenic Microbiology (4)
The etiology of human pathogens. Emphasis on bacterial and viral diseases, and host-parasite relationships. Laboratory methods for identifying and isolating pathogenic organisms will be introduced. Offered in alternate years. Prerequisites: BI358 and BI129 with grade of “C” or higher.

BI 490 Honors Anatomy and Physiology (1-3)
An advanced human anatomy and physiology course designed for upper level students who have demonstrated the ability and desire to learn these subjects in lower level classes. The course uses a number of excellent teaching modalities including human cadaver as the primary teaching instrument. Enrollment is limited to a maximum of four students and the final selection is based upon invitation by the course professor with final approval by the Chairperson of the Division of Science and Mathematics. Course may be repeated for up to six credit hours. Prerequisites: BI236 and the permission of instructor.

CHEMISTRY (CH)
CH 103, 104 Chemistry Skills (1)
This course is intended to compliment and provide supplemental instruction for the principles and techniques presented in the general chemistry sequence. An emphasis is placed on the application of such principles in problem solving, as well as developing problem solving and critical thinking skills. Co-requisite: CH103 should be taken along with CH123 and CH104 should be taken with CH124.

CH 113 Chemistry Around Us (4)
This course and corresponding lab will facilitate a better understanding of the world in which we live through chemistry, suitable for students pursuing studies outside of the sciences. An exploration of the basic principles of chemistry and the scientific method will unravel the mysteries behind topics such as nuclear energy, alternative fuels, nutrition, biochemistry and pharmacology. Through observation, experimentation, and application students will gain an appreciation for how atoms and molecules, the basis for all matter interact, cause reactions and impact their everyday lives.

CH 123, 124 General Chemistry I and II (4,4)
A two-semester course dealing with the fundamental principles of chemistry, including chemical stoichiometry; understanding and balancing the major reaction types, the properties of gases (emphasizing gas laws), liquids and solids; solutions; atomic and molecular structure, the periodic table, Quantum understanding of atomic and molecular systems, reaction kinetics, chemical equilibria; an introduction to thermodynamics, discussion of the chemical properties of selected elements and the laws and rules that presently form our understanding of basic chemistry. The course emphasizes scientific problem-solving skills as well as those topics which are essential for further work in chemistry and for professional school. The laboratory is designed to support and illustrate chemical concepts studied in the lecture portion of the
course, as well as to introduce important laboratory techniques and encourage analytical thinking. The laboratory work emphasizes physio-chemical measurements, basic quantitative analysis and synthesis. In order to maximize success in this two-semester course, high school chemistry, physics, and a strong background in mathematics are recommended. Prerequisite for CH123: Acceptable Math and Science ACT scores are set by Science and Math Division or permission of instructor. Prerequisite for CH124: CH123 with a grade of “C” or higher or permission of instructor.

CH 233, 234 Organic Chemistry I and II (4,4)
A two-semester progressive study of structure, property, spectroscopy and reactivity of organic compounds. Students will learn nomenclature, covalent and ionic bonding, reaction mechanisms, functional groups with special emphasis on mono and polyfunctional compounds, stereochemistry, interactions and laws and rules governing aromatic reactions. Prerequisites for CH233: CH124 with a grade of “C” or higher, or equivalent course as approved by division chairperson and the organic chemistry instructor. Prerequisite for CH234: CH233 with a grade of “C” or higher grade or permission of the instructor.

CH 233x, 234x Organic Chemistry I and II lab (1,1)

CH 368 Biochemistry I (4)
An introduction to the biochemical principles including: macromolecules (proteins, lipids, carbohydrates and nucleic acids), enzyme structure, function and regulation, energy transformations, and carbohydrate, protein, and lipid metabolism. Offered in alternate years. Prerequisites: CH234 with a grade of “C” or higher and BI129.

CH 369 Biochemistry II (4)
An introduction to the biochemistry of the cell including: nucleic acids, nucleic acid metabolism, gene regulation, membranes, membrane transport, organelle biology, signal transaction and cancer biology. Emphasis on theoretical and practical use of molecular biological research techniques. Offered in alternate years. Prerequisite: CH368 with a grade of “C” or higher.

CH 455 Quantitative Analysis (4)
An intensive study of four places to the right of the decimal including precise laboratory methods; infra-red analysis, chromatography, volumetric, gravimetric methods, acid-base theory and equilibrium reactions. Special emphasis is placed on data collection and statistical analysis. The rules and laws governing science are explored and explained. Prerequisites: CH124 with a grade of “C” or higher or permission of instructor.

COMMUNICATION ARTS (CA)
CA 111 Fundamentals of Oral Communication (3)
This course is an introduction to human communication. It includes the fundamentals of interpersonal, small group and public communication. Students will participate in a variety of interpersonal, small group, and public speaking activities. The course focuses on the theory and practice of discourse with immediate audiences. Theory includes thesis analysis, reasoning strategies; arranging organizational patterns; preparation and delivery, audience analysis, critical listening; and ethics of persuasive discourse. Practice emphasis is placed on developing vocal variety, articulation and enunciation; direct eye contact; an extemporaneous style of delivery; and physical appearance.

CA 123 Media Writing (3)
An introduction to the process of writing for the mass media. Students will learn to report, write, and edit stories for print and broadcast media. The course also emphasizes specific skills in interviewing and basic principles of communication law. Prerequisite: AH110

CA 130 Introduction to Film (3)
This course provides an introduction to the history and techniques of film and includes the study of the purposes of film and influence of film upon varied audiences. Students will learn to appreciate film as an aesthetic medium and develop strategies to comprehend, interpret, and evaluate contemporary motion pictures.

CA 135 Introduction to Media (3)
An introduction to some key themes in the study of popular media and to debates about the role of media in contemporary societies. A range of media will be analyzed in detail. Theories of production, technology, audience and representation will be explored in relation to a variety of media forms and social relations. A project will encourage limited investigative research. Offered in alternate years. Prerequisite: CA111

CA 212 Small Group Communication (3)
The course combines the theories of small group communication with the actual experience of working in small groups. Students will learn about leadership, conflict resolution, problem-solving techniques, in addition to assertiveness, rhetorical sensitivity, and verbal and nonverbal elements of messages as they apply to the small-group process. Offered in alternate years.

CA 215 Communication Theory (3)
This course examines the history of communication incorporating Aristotle to the present. Fundamental theories of communication and rhetoric are explained and given practical modern application. Components investigated are verbal and nonverbal messages, interpersonal relationships, group and public communication, intercultural and gender communication. Offered in alternate years. Co-requisite: CA216 or permission of instructor.
CA 216 Sophomore Portfolio Development (1)
This course is a co-requisite to CA215 Communication Theory. The goal of the course is for students to create a portfolio of their current work to prove that they are achieving both their own career goals and the stated learning outcomes of the Communication Arts department. Co-requisite: CA215. Prerequisite: CA111.

CA 221 Introduction to Acting (3)
An introduction to the basic concepts of acting. Topics include characterization, focus, use of space, character and text analysis, and improvisation.

CA 231 Interpersonal Communication (3)
The course involves theoretical backgrounds as well as practical applications. It is designed to provide students an improved awareness and understanding of themselves as communicators. The course will teach students how to use this understanding in their everyday lives and how to enrich both their professional and personal communication experiences. Offered in alternate years.

CA 300 Public Relations (3)
The course involves the history of public relations, the function of the public relations practitioner, the basic skills of the science, and the differences between public relations and marketing. Offered in alternate years. Prerequisite: CA123.

CA 311 Critical Public Address (3)
This course concentrates on the rhetoric, delivery skills, and critical analysis of public speeches. Students will develop advanced skills in resource use, topic selection and development, organization, and outlining of speeches. They will demonstrate knowledge of modes of inquiry, reflection, and expression as they prepare and deliver speeches. Students will also practical critical analysis of speeches, focusing on a variety of audiences and purposes. The course is designed for students interested in communication careers or in careers requiring communication expertise. Offered in alternate years. Prerequisite: CA111.

CA 321 Advanced Acting (3)
The focus of this course is on performance skills for the actor including in-depth character and scene study and certain staging techniques. May be repeated. Prerequisite: CA221

CA 324 Persuasion (3)
This course involves a study of theories of persuasion and an analysis of the process of persuasive communication. It examines the role of persuasion within multiple contexts and as a social force. Students will write at least one persuasive paper and deliver an oral presentation based on that paper. Offered in alternate years.

CA 325 Public Opinion and Propaganda (3)
This course examines the various purposes of language, how public opinion is formed, and the communication and organizational strategies used to influence the formation and change of public opinion for different audiences and purposes. Propaganda is examined historically from both negative and positive perspectives. Offered in alternate years.

CA 330 Audio and Video Production (3)
Fundamentals of audio and video equipment operation and production principles. Includes the basics of writing, producing and directing video; pre-production, production and editing techniques. Offered in fall of odd alternate years. Prerequisites: IT102, 103 and 104 or demonstrated proficiency.

CA 333 Communication and Performance (3)
This course consists of the study of the human vocal mechanism, physical techniques of performance, and strategies for enhancement of oral interpretation and performance. The student will develop vocal ability and interpretation skills through the selection and performance of a variety of materials focused on a range of performance purposes and delivery methods. Offered in alternate years.

CA 335 Intercultural Communications and Technology (3)
This course will provide practical skills for intercultural communications, as they are required both within modern multicultural communities and internationally. It will also examine theories of intercultural relations through case studies dealing with the impact of television, film texts, and the Internet which have been imported from different cultures.

CA 336 Mass Media Theory (3)
An introduction to theory and research in the field of mass communication. The course provides an overview of the historical development of the theoretical perspectives, emphasizing the major research trends that have influenced the understanding of mass communication. Prerequisite: CA135 or permission of instructor.

CA 345 Media and Cultural Criticism (3)
This course will provide an introduction to contemporary approaches for interpreting media texts and constructing meaning from media. Students will learn to apply a variety of critical methods (including psychoanalytical criticism, postmodern criticism and cultural studies) to popular culture. Students will learn how to evaluate the aesthetic quality of print and broadcast messages and to evaluate the techniques used by mass media to influence audiences. In addition, students will learn how to analyze the meanings various audience groups construct around media texts. Offered in alternate years.

CA 421 Theatre Directing and Design (3)
A practical course which involves all aspects of play production: directing, set design and construction, lighting, sound, costumes, stage management, props, make-up, publicity, box office, and house management. Prerequisite: CA321 or instructor permission for declared music minor students.
CA 424 Public Advocacy (3)
The course involves the study of informal logic as it applies in multiple contexts. Each student will learn to develop and present logical appeals in support of social issues. The student will formulate claims, apply reasoning techniques, gather and evaluate evidence, prepare case construction and cross-examinations for debate, and defend and refute ideas before a critical audience. The course will support the institutions commitment to service learning by having the student address issues of community concern in public forums. Offered in alternate years. Prerequisites: CA111 and CA123 or permission of instructor.

CA 440 Organizational Communication (3)
In this course the emphasis is on current theories of organizational communication, the structure of organizations, how communication functions within organizations, and management styles. It examines conflict and resolution, networks, superior/subordinate communication, communication patterns inside and outside of the organization. Offered in alternate years. Prerequisite: CA212 or permission of instructor.

CA 442 Media, Race and Gender (3)
This course explores the ways in which race and gender are represented in newspapers, magazines, television, film, news, and advertising. The course also examines the cultural forces that influence how such representations are produced and received, their political and behavioral consequences, and various methods for analyzing popular culture. The course also examines the history and status of people of color and women as media professionals. Offered in alternate years. Prerequisite: CA135 or permission of instructor.

CA 499 Independent Study (1-3)
These are projects or papers which have been designed by students who wish to investigate an area of interest related to their major area of study. These courses must be approved by a faculty member who will serve as an advisor for the project; they must also be approved by the Division Chair and the Chief Academic Officer.

CA 499 Seminar/Capstone (3)
This senior capstone experience involves independent research that may be either a project or research oriented. Seniors will work closely with a communication arts faculty member in planning, executing, and evaluating the project.

CRIMINAL JUSTICE (CJ)
CJ 111 Introduction to Criminal Justice (3)
The philosophical, historical and operational aspects of criminal justice in present society. The administration and definition of scope of interest of criminal justice agencies and how they interrelate.

CJ 127 Introduction to Juvenile Delinquency (3)
The philosophical, historical and operational aspects of justice in juvenile law enforcement and courts.

CJ 155 Criminal Law (3)
This course is focused upon the study of elements and proof in crimes of frequent concern, procedural consideration of criminal law, and rules of law. Prerequisite: CJ111.

CJ 217 Criminal Investigation (3)
Introduction to criminal investigation procedures including theory of investigation, conduct at crime scene, collection and preservation of physical evidence, introduction to related forensic science, and follow-up legal investigation. Prerequisite: CJ155.

CJ 221 Criminal Evidence and Procedure (3)

CJ 223 Introduction to Corrections (3)
An introduction to the various aspects of correctional systems and their historical development and an examination of societal influences and reactions to treatment of offenders and victims.

CJ 351 Introduction to Criminalistics (3)
Scientific approach to criminal investigation; collection, preservation and transportation of physical evidence; crime laboratory capabilities and limitations. Offered in alternate years. Prerequisite: CJ217.

CJ 352 Police-Community Relations (3)
The professional concept in policing and its implications; changing nature of social controls; community and police allocation of resources to deal with problems. Offered in alternate years. Prerequisite: CJ111.
CJ 353 Institutional Corrections (3)
Historical examination and development of correctional institutions and jails. An examination of various types of current jails and penal institutions and their functions. The course will include a discussion of past and present issues of correctional institutions, a brief look at international approaches and future trends. Offered in alternate years. Prerequisites: CJ111, CJ223 and SO120.

CJ 354 Non-institutional Corrections (3)
Examination of all non-institutional correction programs including pre-trial diversion, probation, parole, community-based correction programs, innovative approaches, and correctional counseling. A discussion of problems, concerns, and trends. Offered in alternate years. Prerequisites: CJ111, CJ223 and SO120.

CJ 361 Delinquency Prevention and Control (3)
A critical evaluation of delinquency causation theories and the social structures and their interrelationships with delinquency prevention and control. Prerequisites: CJ111 and SO120.

CJ 373 Civil Liability (3)
Study of the general concepts of state tort law, negligence, search and seizure violations, deadly force, and jail management. The student will also examine the basis of civil liability grounded with federal law under 42 U.S.C. ~1983. The concept of liability will then be studied as it pertains to criminal justice supervisors, including a discussion of defenses and policy decisions involving civil liability. Offered in alternate years.

CJ 413 Criminal Justice Organization and Administration (3)
Principles of organization and management as applied primarily to law enforcement and correctional agencies. Practical and theoretical aspects of management, such as organization, decision making, human relations, and values. Prerequisite: CJ217.

CJ 451 The Juvenile Probate System (3)
Examines the legal principles and procedures of the juvenile and probate courts as it relates to the criminal justice and educational systems. The basic structure and operation of the American legal system is considered along with legal provisions related to: crime and delinquency; child welfare; education; family; mental health; guardianships, and the alternatives to these procedures. Offered in alternate years.

CJ 471 Criminology (3)
An analysis of the sociocultural factors leading to crime with an emphasis on crime causation theories and methods used to prevent and control criminal behavior. Offered in alternate years. Prerequisites: CJ111 and SO120.

CJ 472 Social Deviance (3)
An analysis of the sociocultural factors leading to deviant behavior with an emphasis on deviance causation theories and prevention, control, and treatment of deviant behavior.

CJ 473 Violent Crime (3)
An analysis of the sociocultural factors leading to violent crime emphasizing the correlates and causes of violent crime, and a review of the sources and procedures to classify and measure violent crime. Offered in alternate years.

CJ 478 Criminal Justice Seminar (3)
Senior capstone experience. Completion of a major paper and a presentation of this paper to a professional panel on an approved topic. Discussion and evaluation of policies and practices in the field with accepted theories and procedures. Prerequisites: CJ217, 223 and 413.

CJ 495 Special Topics
Although frequently presented in a manner comparable to regularly listed courses, the subject matter of special topics is often of a more timely nature, or for some other reason, is not a regular part of the curriculum. Special topics are usually designed by a faculty member and are listed with the other courses in the schedule.

CJ 194, 294, 394, 494 Cooperative Education
A cooperative education course is a supervised work experience related to a student’s major or field of interest. A student should be employed full-time or part-time with pay. A student must complete 120 hours of work for each academic credit hour and may earn up to 16 credits. Other work arrangements must be approved by the coordinator of cooperative education and the Registrar. (Graded Pass/Fail)

CJ 199, 299, 399, 499 Independent Research
Independent research may be either project or research-oriented. Such topics are not a normal part of the curriculum and serve two needs: first, the student investigates an area of special interest; and second, the student works closely with a faculty member in planning, executing and evaluating the program.
DIGITAL FORENSIC SCIENCE (CF)

CF 105 CompTIA A+ Computer Essentials Exam Preparation (2+2) (3)
This is the first of two courses intended to prepare students to earn the CompTIA A+ 2009 certification: a prerequisite to enter the Digital Forensic Science major of study. In this course, the student learns the basics of computer hardware and operating systems, covering skills such as installation, building, upgrading, repairing, configuring, troubleshooting, and preventive maintenance. At the end of the course, the student should be prepared to complete the CompTIA A+ Essentials Exam (220-701), validating the basic skills needed by an entry-level service technician. (2 hours lecture, 2 hours lab).

CF 106 CompTIA A+ Practical Application (3)
This is the second of two courses intended to prepare students to earn the CompTIA A+ 2009 certification: a prerequisite to enter the Digital Forensic Science major of study. In this course, the student continues to develop and refine abilities in installation, building, repairing, configuration, troubleshooting, optimizing, diagnosing and preventive maintenance, preparing for such activities in an enterprise environment or interacting with customers. At the end of the course, the student should be prepared to complete the CompTIA A+ Practical Application Exam (220-702), earning the 2009 A+ certification. (2 hours lecture, 2 hours lab) Prerequisite: CF105 with grade of "C" or better.

CF 110 Introduction to Computer and Digital Forensics (3)
This course will provide students with a working foundation of the types of computer and electronic crimes being committed today. This course will identify techniques used by offenders to compromise computer systems as well as vulnerabilities of computer and electronic systems. Emphasis will be placed on criminal theory/behavior of this type of offender.

CF 205 Computer Security Fundamentals (3)
This course will introduce students to a variety of commonly used computer software systems and their respective security concerns. Specific areas to be studied include wireless technology, PDAs, remote computer access, file transfer mechanisms, networking tools, and various backup devices. Prerequisites: "A + certification" or completion of CF105 and CF106 with a grade of "C" or higher in both courses.

CF 210 Operating Systems (3)
This course provides an overview of operating systems with an emphasis on widely used operating systems and how operating systems manage memory and file allocation. Prerequisites: "A + certification" or completion of CF105 and CF106 with a grade of "C" or higher in both courses.

CF 215 Computer Forensics and Security Ethics (3)
This course brings together philosophy, law and technology to provide a rigorous, in-depth exploration and analysis of a broad range of topics regarding the ethical implications of widespread use of computer technology. It is designed to provoke students to reflect upon the social and ethical ramifications of managing information. Special consideration will be given to current topics involving computer forensics or computer security issues.

CF 247 Law Enforcement Field Experience (1)
This elective course provides basic exposure to a law enforcement agency through 50 hours of observation and limited participation, such as “ride-alongs.” It will provide students with a better appreciation for how their field of study fits with other elements of law enforcement. (Graded Pass/Fail) Prerequisites: Sophomore standing in the Digital Forensic Science major and permission of the instructor.

CF 305 Seizure and Forensic Examination of Computer Systems (3)
This course will introduce students to the processes involved in seizing hardware, computer equipment and data, and searching them for evidence. This includes how information can be altered, deleted and hidden on various digital media. Topics to be covered will include: establishing probable cause for a search, evidence protection, and the chain of evidence. This includes the industry best practices for examining computers that might contain crime related information. This course will involve hands-on experience using software to capture and search for evidence. Prerequisites: CF110, CF205, CF210, CJ217 and CJ221 with a grade of “C” or higher in CF110 and CF210.

CF 310 Advanced Topics in Computer Data Analysis and Recovery (3)
This course will build on the fundamentals covered in CF 305. Students will continue the examination of digital evidence, using commercially available and alternative tools. Advanced topics will include: cell phone and Personal Data Assistant (PDA) forensics. Operating system specifics will be explored. Cryptography and steganography will be studied along with password defeating strategies. Lab management utilizing the Scientific Working Group on Digital Evidence (SWGDE) guidelines, along with technical writing and case organization will also be covered. Prerequisite: CF305 with a grade of “C” or higher.

CF 315 Fundamentals of Computer Networks (3)
This course is a study of data communication concepts, network topologies, transmission media, wireless transmission, network access control, communication protocols, network architecture, LANs, and WANs. Emphasis is placed on analysis of common communication protocols. Topics covering managing the network will also be covered. Prerequisites: "A + or Network certification" or completion of CF105 and CF106 with a grade of "C" or higher in both courses.
CF 405 Network Forensics (3)
Computer and network forensics studies cyber-attack prevention, planning, detection, and response with the goals of counteracting cybercrime, cyberterrorism, and cyberpredators, and making them accountable. It incorporates many areas of concern, including network security, intrusion detection, incident response, infrastructure protection, and computer crime investigation. The topics covered in this course include fundamentals of computer and network forensics, forensic duplication and analysis, network surveillance, intrusion detection and response, incident response, anonymity and pseudonymity, cyber law, computer security policies and guidelines. Emphasis will be placed on hands-on laboratory exercises to learn to effectively use tools such as WireShark/Ethereal for analyzing network packet data in order to build a foundation for performing network surveillance and intrusion detection in the more advanced course, CF 410. Prerequisites: CF205 and CF315 with a grade of "C" or higher in both courses.

CF 410 Intrusion Detection (3)
This course will introduce students to the various methods used to detect external and internal intrusion of computer systems. The importance of setting up anomaly and misuse detection measures, host based, multi-host based and network based monitoring strategies and techniques and types of responses will be covered. Various investigative tools will be presented. This course will involve hands-on experiences using intrusion detection software. Prerequisite: CF405 with a grade of "C" or higher.

CF 450 National Certification (2)
Each student must earn one of the nationally recognized, vendor-neutral, digital forensic certifications from an approved list. The approved list includes, but is not limited to, the International Association of Computer Investigative Specialists (IACIS-Law Enforcement personnel only), the Seized Computer Evidence Recovery Specialist (SCERS-Law Enforcement personnel only), the SANS GIAC Certified Forensic Analyst (GCFa), the ISFCE Certified Computer Examiner (CCE), and the DFCB Digital Forensics Certified Associate (DFCA). Note. This is a graded course with an automatic "A" given for earning the certification. Should the student not pass the certification exam, a lesser grade will be issued based on the pre-exam preparation course work. Prerequisites: CF305 and CF310 with a grade of "C" or higher in both courses. Other applicable courses may be required depending on the selected certification.

CF 497 Computer Forensic Field Experience and Seminar (4)
This course will serve as the capstone course and will require a final paper to demonstrate completion of the learning outcomes of the program. The student gains a basic exposure to an agency involved in computer forensics, and experiences the investigation of high-tech crimes through observation and participation. This course will allow the student to observe professionals at work, and to test out their own computer forensics skills for a minimum of 120 hours. Prerequisites: complete a sufficient number of the computer forensics courses to prepare for the specific agency's requirements and have the permission of the instructor. This course is not Pass/Fail thus students will earn a letter grade.

ECONOMICS (EC)
EC 201 Microeconomics (3)
An investigation of the principles of production, distribution, consumption, and price as they relate to the individual consumer or firm. Not open to freshmen.

EC 205 Macroeconomics (3)
Analysis of national economic policies: laissez-faire, Keynesian, and monetarist theories applied to the questions of inflation, unemployment, government spending and taxation, world trade and finance, the Federal Reserve, and monetary policy. Not open to freshmen.

EC 220 Economics of Sport (3)
This course will provide students with an opportunity to apply principles of economic theory to various aspects of the sport and leisure fields. Additionally, students will analyze the relationship between supply and demand for services related to sport and leisure. Finally, students will examine the evolution of economic factors in sport to include: professional specialization in sport, gender issues in sport, and the evaluation of individual and team performance in sport settings. Prerequisite: AC221 (can be taken concurrently).

EC 305 Money and Banking (3)
Role and uses of money, the flow of funds, concepts of the money supply, the Federal Reserve system, tools and effects of monetary policy, international monetary relations. Offered in alternate years Prerequisites: EC201 and EC205.

EC 310 Intermediate Microeconomics (3)
This course examines utility maximization, profit maximization, and price theory at levels consistent with articles published in scholarly journals. Concepts are investigated through application to concrete microeconomic issues. Prerequisite: EC201

EC 320 Intermediate Macroeconomics (3)
This course concentrates on the empirical evidence behind key macroeconomic relationships. Accordingly, significant attention will be paid to implications for monetary and fiscal policies. A review of constitutional and legislative constraints on policy will be undertaken as well. Prerequisites: EC205, and BA212 (or equivalent).

EC 325 Health Care Economics (3)
This course examines supply and demand of health care services and its impact on the pricing of health care in relation to managed care in both the private and public sector. Other topics examined include resource allocation and utilization, user, employer and provider concerns. Prerequisite: EC201

EC 355 Public Finance (3)
Economic aspects of government spending, taxation, and indebtedness; allocation of resources between public and private goods. Offered in alternate years. Prerequisites: EC201 and EC205.
EC 375 International Trade (3)
Economic and political aspects of world trade: free trade vs. protectionist policies, institutions affecting world trade, currency exchange rates, and world economic development. Offered in alternate years. Prerequisite: junior standing

EC 452 Investment Analysis (3)
Functioning of stock exchanges and other capital markets; financial analysis from the investor’s point of view. Emphasis is on security analysis, valuation, investment timing, and portfolio theory. Offered in alternate years. Prerequisites: EC205, BA212, and BA350

EDUCATION (ED)
ED 201 Phonics (1)
A study of the sounds (phonemes) of the English language and the developmental sequence of teaching these sounds to children. Must be taken before or concurrently with ED233 or ED243.

ED 202 Instructional Technology (3)
This course is designed to provide experiences to teacher candidates in the use of technology in teaching and learning. Data collection, software selection, production and application of technologies in lesson plans for use in classrooms will be studied. In this course, students will explore critical issues surrounding the use of technology in educational settings. Students will also cultivate skills in the use of technological advances relevant to current and future educational and professional experiences. Students will develop a practical understanding of the use of technology in the classroom environment through a 10 hour clinical experience. This course will be required of all license-seeking students Pre-K to Young Adult. Students may register for no more than two of the following courses in a given semester: ED202, ED221, ED228 and ED229.

ED 217 Principles of Math (3)
A study of basic mathematical concepts and processes in the areas of Number, Measurement, Geometry, Patterns & Algebra, and Data & Probability (which are compatible with the Ohio Academic Content Standards) and designed for early childhood pre-service teachers preparing for early childhood licensure. This course must be taken and passed (with a C or better) before students may take ED330 (Beginning Integrated Practicum) and ED332 (Math Methods).

ED 218 Social Studies Content: K-3 (3)
Using the Ohio Academic Content Standards in Social Studies as the foundation, Early Childhood majors will learn about the content that is specific to Ohio and US History, World Geography, major economic concepts, Government and Citizenship that are needed for teaching Pre-K through Grade 3. A Problem Based Learning Approach will be used in order to integrate and coordinate the content from areas listed above. Prerequisites: AH220 and SO120. Successful completion (C or better) of this course is a prerequisite for ED334, Early Childhood Social Studies Methods.

ED 221 Foundations of American Public Education (3)
The introductory course for all teacher licensure programs. The format for the course is Problem Based Learning. Students work in collaborative groups to research and present findings about major problems related to contemporary and current issues in education. Student assessments include self and faculty evaluation of the dispositions (behavior) identified as required for becoming an effective teacher. In addition, students will be introduced to various aspects of the K-12 learning environment through a 10 hour clinical experience. Should be taken in the second semester of the freshman year. Students may register for no more than two of the following courses in a given semester: ED202, ED221, ED228 and ED229.

ED 228 Education of Exceptional Children (2)
A study of the characteristics of children with disabilities including those who are at risk, those with developmental variations and those with specialized abilities (gifted) will be addressed. The related services and adaptive technologies for children with exceptionalities as well as the impact of family, cultural, racial, and ethnic diversity on learning are explored. The course also addresses the law as it relates to services for children with disabilities and the role of the classroom teacher in the process. Students will have the opportunity to develop a practical understanding of course concepts through a 10 hours clinical experience in a classroom environment. Students may register for no more than two of the following courses in a given semester: ED202, ED221, ED228 and ED229. Prerequisites: ED 221, PY 110, and 225 or 227

ED 229 Educational Psychology (3)
The course gives teacher education majors the opportunity to learn about developmental stages of children, the study of theories and principles of learning and ways these theories impact learning and teaching. Theories of motivation, impact of learner diversity (ethnic, socioeconomic and cultural) learning style variations, multiple intelligences, brain hemisphericity, physically challenging conditions, and cognitive styles are all addressed as ways that classroom practice is influenced and changed. Students will have the opportunity to develop a practical understanding of course concepts through a 10 hours clinical experience in a classroom environment. Students may register for no more than two of the following courses in a given semester: ED202, ED221, ED228 and ED229. Prerequisites: ED 221, PY 110, and 225 or 227

ED 230 Principles of Early Childhood Education (3)
The study of the nature, history, philosophy and organization of early childhood programs including the characteristics of effective teachers of young children and the ethical principles they uphold. Introduction to the concepts of developmentally appropriate practices and teaching approaches that support learning and the developmental needs of children ages three through eight. Must be taken concurrently with ED232. Prerequisites: ED221, PY110 and PY225
ED 231 Curriculum and Practices of Early Childhood (3)
A study of the guidelines of developmentally appropriate curriculum to meet the needs of all learners including the culturally diverse, at risk and exceptional learners (including gifted) and consideration of the context of the children including multicultural perspectives, socioeconomic status, home language, and home cultural practices as part of curriculum development. The course includes planning, implementation, and evaluation of learning experiences to facilitate play, cooperative learning environments, inquiry and problem solving in early childhood classrooms. Must be taken concurrently with ED234. Prerequisites: ED221, 230, 232 and PY225

ED 232 Early Childhood Practicum (1)
Students observe (one half day per week) in a variety of early childhood classrooms to understand the scope and variety of programming that is available for young children and to observe and discriminate aspects of appropriate practice in early childhood programs. (Graded Pass/Fail) Prerequisites: ED221, 230, 231 and PY225

ED 233 Phonics and Emergent Literacy (4)
A study of the association of speech sounds (phonemes) with printed symbols (graphemes) as a major word identification strategy with emphasis on the role of phonics in emergent literacy. A study of the impact of the diversity of language in the home is addressed. Reading acquisition and development from linguistic, cognitive, psychological and curricular perspectives, and developmentally appropriate activities involving literature, patterns, games, and writing to foster literacy development are explored. Prerequisites: ED202, 221, and PY225

ED 234 Early Childhood Practicum II (1)
Students will spend 2 half days per week (80 total hours) in a pre-k, kindergarten, or primary classroom serving as an apprentice to a master teacher. Students will also learn about: the school's philosophy, curriculum (scope and sequence), human and physical resources and school classroom procedures. Students will be expected to rework a teacher's or commercial lesson plans into a written format and teach the lesson as appropriate to the classroom situation. (Graded Pass/Fail). Must be taken with ED231 and/or ED233. Prerequisites: ED221, ED230, ED232, PY110 and PY225

ED 235 Expressive Arts (3)
A study of the young child's artistic, symbolic, and aesthetic development in art, music, and movement. Students will experience, critique, and develop appropriate expressive art experiences. Techniques for adapting materials and activities for special needs learners will also be explored. Students will earn 2 credit hours through scheduled class time and 1 credit hour through participation in “hands on” laboratory experiences. Prerequisites: ED221, AR00, AR201or PY225. Students must take this course prior to the internship.

ED 237 Children's Literature (3)
A survey of literature appropriate for children ages three through grade three with emphasis on identification of quality literature within several genres and a variety of ways to incorporate literature into the curriculum within group and classroom settings. Interactive technology will be explored. Students will have opportunities to read to children in a variety of contexts.

ED 238 Health and Physical Education for the Classroom Teacher (2)
The course is designed for the Early Childhood Education teacher (Pre K-3). It will provide an understanding of the importance of health and physical education for youngsters of this age. The students will develop learning goals and instructional plans within both areas along with exploring school laws topics and current issues. Students will also have the opportunity to teach PE lessons to Pre K youngsters on a weekly basis. Prerequisites: ED221 and PY225

ED 243 Foundations and Survey of Reading and Phonics: Middle Childhood (3)
The Common Core State Standards in English Language Arts are used to organize the instruction in the course. The course emphasizes reading strategies that are validated by scientifically-based research in the teaching of reading and phonics. It presents research-based perspectives about readers and programs designed to meet reader needs. Knowledge of the reading process is addressed through understanding its relationship with phonemic, morphemic, semantic, and syntactic systems of language. Attention is given to word recognition, vocabulary and comprehension strategies used to develop fluent readers. Prerequisites: ED201, 202, 221, 228, and 229
NOTE: Prerequisites for 300 and 400 level Methods classes include ED202, 221, 226, 229, PY225 or PY227, appropriate 200 level prerequisites and admission to the Teacher Education Program. Students who register for 300 and 400 level courses and do not have admission to the Teacher Education Program will be withdrawn from those courses.

ED 320 Principles of Middle Childhood Math (3)
This course is designed to provide education students in the MC math licensure program with opportunities to study the topics of number, number sense and operations, measurement, patterns, functions and algebra, and data analysis and probability. Process skills addressed are problem solving, reasoning, communications, connections, and representation. The focus will be on the conceptual understanding of these math contents and processes. Content will be aligned with the Common Core State Standards in Mathematics. Prerequisites: MA106, MA201, and MA305 or MA306. Admission to the Teacher Education Program is also required prior to enrolling in this course.
ED 330 Beginning Integrated Practicum (2)
The teacher education candidates will spend 2 half days per week in a kindergarten or primary classroom for 10 weeks and then 4 half days per week for the later 5 weeks serving as an apprentice to a master teacher. Candidates will plan, implement and evaluate their teaching of a set(s) of lessons and/or units as appropriate to the school's curriculum content and/or school context. They will demonstrate ability to sequence instruction that is developmentally appropriate; develop appropriate methods for students to demonstrate learning; and will be videotaped during the semester and jointly critique the tapes with college supervisors. (Graded Pass/Fail). Must be taken concurrently with ED332 and 335. Prerequisites: ED201, 202, 221, 228, 229, 230, 231, 232, 233, 234, 235, 237, and admission to the Teacher Education Program Program

ED 332 Math Methods (2)
The new Ohio Academic Standards in Mathematics and the Ohio Teacher Standards will be used to learn about content curricular planning, teaching methodologies and implementation. Students will critique and evaluate curriculum materials. Students learn about the development of numeric and mathematical concepts, how best to facilitate their development with young learners and the characteristics of what is called "reform" math. Emphasis will be placed on both skill-based learning and integrating math content to other curricular areas to provide "real-life" experiences. Must be taken with ED335 and ED330. Prerequisites: ED201, 202, 221, 228, 229, 230, 231, 232, 233, 234, 235, 237, and PY225 and admission to the Teacher Education Program.

ED 333 Science Methods (2)
The Common Core State Standards in Social Studies and the Pathwise Criteria will be used to learn about content curricular planning, teaching methodologies and implementation related to science. Students will critique and evaluate curriculum materials. Students will learn how to plan and implement curriculum that relies on inquiry-based "minds on, hands on learning" and is appropriate for young learners using concrete materials and experiences to build science concepts. Emphasis will be placed on integrating science content with other areas to provide meaningful, "real-life" experiences. Must be taken with ED334, ED336, ED338 and ED430. Prerequisites: ED201, 202, 221, 228, 229, 230, 231, 232, 233, 234, 235, 237, 330, 332, 335 and PY225 and admission to the Teacher Education Program.

ED 334 Social Studies Methods (3)
The Common Core State Standards in Social Studies and the Ohio Teacher Standards will be used to learn about content curricular planning, teaching methodologies and implementation. Students will critique and evaluate curriculum materials. In social studies, students will learn how to plan and implement curriculum that relies on inquiry-based "minds on, hands on learning" and is appropriate for young learners. Emphasis will be placed on integrating social studies content to provide meaningful, "real-life" experiences. Must be taken with ED333, ED336, ED338 and ED430. Prerequisites: ED201, 202, 221, 228, 229, 230, 231, 232, 233, 234, 235, 237, 330, 332, 335 and PY225 and admission to the Teacher Education Program.

ED 335 Integrated Reading/Language Arts Methods: Early Childhood (3)
The Common Core State Standards in English Language Arts are used to organize the instruction in the course. The course emphasizes reading strategies that are validated by scientifically-based research in the teaching of reading. Provides the pre-service teacher with competency in the methods of teaching reading and language arts to early learners. The course emphasizes comprehensive, creative approaches and specific techniques involved in integrating listening, speaking, writing, grammar, reading, spelling and handwriting experiences for the young child. Focus on integrated development of communication skills. A one half day per week (40 clock hours total) practicum is required. Prerequisites: ED201, 202, 221, 228, 229, 230, 231, 232, 233, 234, 237, 335, PY110 and PY225 and admission to the Teacher Education Program.

ED 336 Reading Diagnosis and Remediation with Early Childhood Practicum (4)
The study of appropriate reading and reading readiness diagnostic and remedial procedures for assessing strengths and weaknesses in young learners are included. The use of the results of these procedures to create appropriate teaching strategies is addressed. Students will have the opportunity to develop and implement diagnostic and remedial strategies. (Graded Pass/Fail) Must be taken with ED338 or an appropriate practicum placement. Prerequisites: ED201, 202, 221, 228, 229, 230, 231, 232, 233, 234, 237, 335, PY110 and PY225 and admission to the Teacher Education Program.

ED 338 Advanced Integrated Practicum (3)
Students will spend 3 half days per week in a pre-k, kindergarten or primary classroom serving as an apprentice to a master teacher. They will plan, implement and evaluate their teaching of a set(s) of lessons and/or units as appropriate to the school's curriculum content and/or school context. They will demonstrate ability to sequence instruction that is developmentally appropriate, develop appropriate methods for students to demonstrate learning and use that information to alter future instruction. Students will be videotaped at least twice during the semester and jointly critique the tapes with college supervisors. (Graded Pass/Fail) Must be taken concurrently with ED337 and ED430. Prerequisites: ED202, 221, 228, 229, 230, 231, 232, 233, 234, 235, 237, 335 and admission to the Teacher Education Program.

ED 339 Middle Childhood Field Experience (1)
Students will spend 1 half day per week (40 total hours) in middle childhood classroom(s) (grades 4 to 9 in the content areas of licensure) serving as apprentices to master teachers. Students will learn about: the school's philosophy, curriculum (scope and sequence), human and physical resources and school classroom procedures. Students will be expected to rework a teacher's or commercial lesson(s) into written format and teach the lesson(s) as appropriate to the classroom situation. (Graded Pass/Fail) Must be taken concurrently with ED340. Prerequisites: ED202, 221, 228, 229, 243, PY110 and PY227.
ED 340 Principles and Practices of Middle Level Education (3)
An examination of the nature, philosophy, and organization of the middle school: the nature of the middle school learner; characteristics of effective middle school administrators and teachers; buildings and specific room utilization, interdisciplinary team organization, block scheduling, exploratory curriculum time, teaching methodologies, advisor-advisee programs, family/house identity. Development of appropriate programs in a supportive school environment along with the exploration of classroom and behavior management strategies which uniquely serve middle school students are also addressed. Students will have training in the Ohio Teacher Standards and plan, implement and evaluate appropriate activities for the classroom environment. Must be taken concurrently with ED339. Prerequisites: ED221, 228, 229, 243, PY110 and PY227.

ED 341 Middle Childhood and Adolescent Literature (3)
An overview of quality literature that is appropriate for use with preadolescent and adolescent readers. Focus on understanding and application of evaluative techniques, successful techniques for incorporating literature across the curriculum, analysis of elements of literature, and ways of encouraging enjoyment and appreciation of literature. Interactive technology will be explored.

ED 342 Teaching Mathematics in Middle School (1)
A companion course to ED 410 Advanced Methods Seminar, the focus of this course is to provide senior level candidates the opportunity to learn about and integrate best practice content-based pedagogies in instructional planning and implementation. The source of best practice pedagogies in math is the National Council of Teachers of Mathematics. Additionally, the Common Core Standards in Math and Math Model Curriculum are used as the source of content and organization for the course. The course must be taken concurrently with ED410. Prerequisites: ED221, 228, 229, 243, PY110 and PY227.

ED 343 Teaching Science in Middle School (1)
A companion course to ED410 Advanced Methods Seminar, the focus of this course is to provide senior level candidates the opportunity to learn about and integrate best practice content-based pedagogies in instructional planning and implementation. The source of best practice pedagogies in science is the National Science Teachers Association. Additionally, the Academic Content Standards in Science (revised edition) and Science Model Curriculum are used as the source of content and organization for the course. The course must be taken concurrently with ED410. Prerequisites: ED202, 221, 228, 229, 243, 339, 340, and PY227, most of the science content, and admission to the Teacher Education Program.

ED 344 Teaching Social Studies in Middle School (1)
A companion course to ED410 Advanced Methods Seminar, the focus of this course is to provide senior level candidates the opportunity to learn about and integrate best practice content-based pedagogies in instructional planning and implementation. The source of best practice pedagogies in social studies is the National Council of Social Studies. Additionally, the Ohio Academic Standards in Social Studies (revised edition) and the Social Studies Model Curriculum are used as the source of content and organization for the course. The course must be taken concurrently with ED410. Prerequisites: ED202, 221, 228, 229, 243, 339, 340, and PY227, most of the social studies content, and admission to the Teacher Education Program.

ED 345 Integrated Reading/Language Arts Methods: Middle School (4)
The Ohio Academic Standards in Reading/English are used to organize the instruction in the course. The course provides methods of teaching reading and language arts to middle school students with emphasis on content reading. The course also includes methods of using curriculum embedded strategies to assess and monitor instruction based on that assessment. Focus on various ways of integrating language instruction including literature, interdisciplinary units, and organizational variations are presented. Students are to take this course concurrently with ED342, 343 and/or 449 (or other arranged practicum). Prerequisites: ED202, 221, 228, 229, 242, 243, 341, PY227, and admission to the Teacher Education Program.

ED 346 Reading Diagnosis and Remediation: Middle Childhood (3)
The study of appropriate reading diagnostic and remedial procedures for assessing strengths and weaknesses in middle-aged learners are included. The use of the results of these procedures to create appropriate teaching strategies is addressed. Students will have the opportunity to develop and implement diagnostic and remedial strategies. Must be taken with ED348, 448 and 498. Prerequisites: ED201, 202, 221, 228, 229, 243, 339 and 340; 342, 343 and/or 344; 345 and admission to the Teacher Education Program.

ED 347 Reading in the Content Field (3)
Using the Academic Content Standards in Reading/English as a focus, the course highlights the principles, techniques, strategies and resources which aid teachers in developing and strengthening student reading ability within school content areas. Focus on comprehension through attention to textbooks and their organizations, readability, student interests, schema theory and cultural factors. Visual literacy is addressed. This course should be taken concurrently with ED350 and ED371. Prerequisites: ED202, 221, 228, 229, and admission to the Teacher Education Program.

ED 348 Reading Diagnostic and Remedial Field (1)
Taken during the Internship. Students implement diagnostic procedures with middle childhood learners and plan content-based remedial strategies to aid in the reading process. (Graded Pass/Fail) Must be taken concurrently with ED346, 448, and 498. Prerequisites: ED201, 202, 221, 228, 229, 243, 339 and 340; 342, 343 and/or 344; 345, 349, and admission to the Teacher Education Program.
ED 349 Advanced Methods Practicum: Middle Childhood (2)
Students will spend 2 half days per week in a middle school classroom(s) serving as an apprentice to a master teacher. They will plan, implement and evaluate their teaching of a set(s) of lessons and/or units in the content area of their license (Math, Social Studies, Science or Reading/Language arts) as appropriate to the school's curriculum content and/or school context. They will demonstrate ability to sequence instruction that is developmentally appropriate, develop appropriate methods for students to demonstrate learning and use that information to alter future instruction. Students will be videotaped at least twice during the semester and jointly critique the tapes with college supervisors. (Graded Pass/Fail) Must be taken concurrently with ED342, 343, 344, and/or 345. Prerequisites: ED202, 221, 228, 229, 339, 340, PY227, most of the content courses, and admission to the Teacher Education Program.

ED 352 Mathematics Methods: 7-12 (1)
A companion course to ED410 Advanced Methods Seminar, the focus of this course is to provide senior level candidates the opportunity to learn about and integrate best practice content-based pedagogies in instructional planning and implementation. The source of best practice pedagogies in math is the National Council of Teachers of Mathematics. Additionally, the Common Core Standards in Math and Math Model Curriculum are used as the source of content and organization for the course. The course must be taken concurrently with ED497 and ED 410. Prerequisites: ED202, 221, 228, 229, 347, 370, 371, PY227, most of the mathematics content, and admission to the Teacher Education Program.

ED 353 Science Methods (7-12) (1)
A companion course to ED 410 Advanced Methods Seminar, the focus of this course is to provide senior level candidates the opportunity to learn about and integrate best practice content-based pedagogies in instructional planning and implementation. The source of best practice pedagogies in science is the National Science Teachers Association. Additionally, the Ohio Academic Standards in Science (revised edition) and Science Model Curriculum are used as the source of content and organization for the course. The course must be taken concurrently with ED497 and ED410. Prerequisites: ED202, 221, 228, 229, 347, 370, 371, and PY227, most of the science content, and admission to the Teacher Education Program.

ED 354 Social Studies Methods (7-12) (1)
A companion course to ED 410 Advanced Methods Seminar, the focus of this course is to provide senior level candidates the opportunity to learn about and integrate best practice content-based pedagogies in instructional planning and implementation. The source of best practice pedagogies in social studies is the National Council of Social Studies. Additionally, the Ohio Academic Standards in Social Studies (revised edition) and the Social Studies Model Curriculum are used as the source of content and organization for the course. The course must be taken concurrently with ED497 and ED410. Prerequisites: ED201, 221, 228, 229, 347, 370, 371, PY227, most of the social studies content, and admission to the Teacher Education Program.

ED 355 Language Arts Methods (1)
A companion course to ED410 Advanced Methods Seminar, the focus of this course is to provide senior level candidates the opportunity to learn about and integrate best practice content-based pedagogies in instructional planning and implementation. The source of best practice pedagogies in language arts is the National Council of Teachers of English. Additionally, the English Language Arts Core State Standards (revised edition) and the English Language Arts Core Curriculum are used as the source of content and organization for the course. Must be taken concurrently with ED497 and ED410. Prerequisites: ED202, 221, 228, 229, 341, 347, 370, 371, PY227, most of the integrated language arts content, and admission to the Teacher Education Program.

ED 360 Visual Art Methods: Pre-K-12 (1)
A companion course to ED410 Advanced Methods Seminar, the focus of this course is to provide senior level candidates the opportunity to learn about and integrate best practice content-based pedagogies in instructional planning and implementation. Additionally, the Fine Arts Ohio Academic Standards are used as the source of content and organization for the course. The course must be taken concurrently with ED410. Prerequisites: ED202, 221, 228, 229, 243, 339, 340, PY227, and admission to the Teacher Education Program.

ED 370 Teaching Secondary Students (3)
An examination of the nature, philosophy, and organization of the secondary school: the nature of the adolescent learner; appropriate teaching methodologies; characteristics of effective administrators and teachers; buildings and specific room utilization, interdisciplinary team organization, block scheduling, exploratory curriculum time, advisor-advisee programs, and integrated curriculum. How to develop appropriate programs in a supportive school environment along with the exploration of classroom and behavior management strategies for high school students are also addressed. Students will have training in the Ohio Teacher Standards and plan, implement and evaluate appropriate activities for the classroom environment. Must be taken concurrently with ED371 and ED347. Prerequisites: ED202, 221, 228, 229, PY110, and PY227.

ED 371 Secondary Practicum (1)
Students will spend 1 half day per week (40 total hours) in a high school classrooms (grades 7 to 12 in the content areas of their licensure areas) serving as apprentices to master teachers. Students will learn about: the school's philosophy, curriculum (scope and sequence), human and physical resources and school classroom procedures. Students will be expected to rework a teacher's or commercial lesson into a written format & teach the lesson as appropriate to the classroom situation. (Graded Pass/Fail) Must be taken concurrently with ED370 and ED347. Prerequisites: ED221, 228, 229, PY110 and PY227.
ED 410 Advanced Methods Seminar (2)
The Standards for Ohio Educators and the Continuum of Teacher Development is used as the basis for instruction in the course. Candidates will continue to learn, understand and use the rubrics associated with the Ohio Teacher Performance Assessment program and how that will be used to assess their practice in the internship and during beginning teacher. Preservice teachers will continue to develop competency in instructional planning, instructional implementation including the use of academic language, assessment, developmentally appropriate practice, differentiated instruction, and professionalism including reflection. Must be taken concurrently with ED497 and appropriate content methods course(s). Prerequisites: ED202, 221, 228, 229, 340/339 or 370/371, 347 and PY227, most of the content requirements, and admission to the Teacher Education Program.

ED 430 Assessment of Young and Atypical Children (3)
Concepts and principles of measurement and active participation in assessing young and atypical children ages three through eight for the purpose of strategic program planning, developing individualized educational plans (IEPs-IFSPs), transition planning and interpreting assessment results to parents and professionals. The need and use of curriculum embedded authentic assessment strategies as well as adaptation for learners with special needs are included. Must be taken concurrently with ED337 and ED338. Prerequisites: ED202, 221, 228, 229, 230, 231, 232, 233, 234, 235, 237, 335 and admission to the Teacher Education Program.

ED 432 Family and Community Relationships (2)
Approaches for educators in collaborating with parents, agencies, and other professionals, in addressing the identified needs of all children. Students will learn about the procedures used for IEP conferences and how to conduct parent conferences. Students will be expected to conduct at least one parent conference and/or home visit. Must be taken concurrently with ED433 and ED498. Prerequisites: ED202, 221, 228, 229, 230, 231, 232, 233, 234, 235, 237, 335, 336, 338, 430 and admission to the Teacher Education Program.

ED 433 Early Childhood Internship (12)
An intensive, 15 week, full day teaching experience in a pre-k, kindergarten or primary classroom (must be a different age level than in ED338.) Students will work in partnership with a master teacher to practice the art and craft of teaching and develop skills of planning and facilitating learning that are transferable to multiple early childhood contexts. Students will be assessed using the Ohio Teacher Standards. The student must meet the requirements for the Internship as described in the Teacher Education Handbook including passage of the appropriate Praxis II content test(s). (Graded Pass/Fail) Must be taken concurrently with ED433 and ED432. Prerequisites: ED202, 221, 228, 229, 230,231, 232, 233, 234, 235, 237, 335, 336, 338, 430 and admission to the Teacher Education Program.

ED 448 Middle Childhood Internship (11)
An intensive, 15 week, full day teaching experience in a middle school classroom(s) (must be in both content areas of the license). Students will work in partnership with a master teacher(s) to practice the art and craft of teaching and develop skills of planning and facilitating learning that are transferable to multiple contexts. Students will be assessed using the the Ohio Teacher Standards. The student must meet the requirements for the Internship as described in the Teacher Education Handbook including passage of the appropriate Praxis II content test(s). (Graded Pass/Fail) Must be taken concurrently with ED346, 348, and 498. Prerequisites: ED202, 221, 228, 229, 243, 339, 340, 345, 346, 342, 343, and/or 344; 449; PY227; and admission to the Teacher Education Program.

ED 458 Internship in Adolescent/Young Adult (12)
An intensive, 15 week, full day teaching experience in a high school classroom(s). Students will work in partnership with a master teacher(s) to practice the art and craft of teaching and develop skills of planning and facilitating learning that are transferable to other contexts. Students will be assessed using the Ohio Teacher Standards. The student must meet the requirements for the Internship as described in the Teacher Education Handbook including passage of the appropriate Praxis II content test(s). (Graded Pass/Fail) Must be taken concurrently with ED498. Prerequisites: ED202, 221, 228, 229, 347, 370, and 371; 497; PY227, and admission to the Teacher Education Program.

ED 468 Internship in Pre-K-12 (12)
An intensive, 15 week, full day teaching experience in the content area(s) of the license). Students will work in partnership with a master teacher(s) to practice the art and craft of teaching and develop skills of planning and facilitating learning that are transferable to multiple contexts. Assignments, depending upon the school district may be divided between age levels. Students will be assessed using the Ohio Teacher Standards. The student must meet the requirements for the Internship as described in the Teacher Education Handbook including passage of the appropriate Praxis II content test(s). (Graded Pass/Fail) Must be taken concurrently with ED498. Prerequisites: ED202, 221, 228, 229, 339/340 or 370/371; 360 and 497; PY225 and PY227; and admission to the Teacher Education Program.

ED 497 Advanced Methods Practicum; Grades 7 to 12 (2)
Students will spend 80 hours in a high school classroom(s) serving as an apprentice to a master teacher. They will plan, implement and evaluate their teaching of a set(s) of lessons and/or units in the content area of their licensure area as appropriate to the school's curriculum content and/or school context. They will demonstrate ability to sequence instruction that is developmentally appropriate, develop appropriate methods for students to demonstrate learning and use that information to alter future instruction. Students will be videotaped at least twice during the semester and jointly critique the tapes with college supervisors. (Graded Pass/Fail) Must be taken concurrently with ED352, 353, 354, or 355. Prerequisites: ED202, 221, 228, 229, 341 (Integrated Language Arts only), 347, 370, 371, PY227, most of the content, and admission to the Teacher Education Program.
ED 498 Internship Seminar (2)
A weekly seminar designed to support the activities of the interns during the internship. Interns meet each week with their college supervisors and then participate in whole group activities including but not limited to teacher/principal panels, instruction in journaling, using the Ohio Teacher Standards for self-assessment, and making application for licensure. (Graded Pass/Fail) Must be taken with ED433, 448, 458 or 468. Prerequisites: See prerequisites for the respective internships.

ENGLISH (EN)
EN 220 Topics in Literature (3)
An introduction to the study of literature. This course is a study of fiction, poetry, and drama genres. Texts include modern and/or contemporary literature as well as literature written before 1800. Topics vary from section to section. See the Course Schedule for topic choices. Course may be repeated if topic is different from that completed. Offered each semester. Prerequisite: None for English major; AH110 for non-majors

EN 260 Language Structure (2)
A study of theories that explore the nature of language. The areas studied include models of syntax, grammar, morphology, and phonology, with emphasis on form, function, and those relationships that can be explained through transformational and structural approaches. Offered in alternate years.

EN 265 Technical Writing (3)
Study and practice of writing in professional fields. Language and format style, layout, audience, and purpose are examined as students practice writing business proposals and reports, articles for professional journals and magazines, and popular magazines. Offered in alternate years. Prerequisite: AH110

EN 270 Advanced Composition (3)
A skills-development course that focuses on the conventions of a variety of disciplines, genres, and non-print electronic texts. Included are audience profiles, visual and written composing processes, formal research processes, and techniques of proofreading and documentation. Analysis, critique, and synthesis are practiced in ways that reflect a deepening understanding of a variety of purposes and audiences. Offered in alternate years. Prerequisite: AH110

EN 275 Creative Writing (3)
A course is designed to develop both the imaginative and technical resources of those students interested in creative writing. The course includes writing poetry, short stories, drama, and nonfiction essays as well as critiquing peer and professional writers’ works. Offered in alternate years. Prerequisite: AH110

EN 290 Introduction to Language and Literary Criticism (3)
An overview of topics related to the study of language and literary criticism. Emphasis is on the social elements of language and criticism, including topics in sociolinguistics and developments in literary criticism as they relate to class, ethnicity, and gender. Offered in alternate years. Prerequisite: AH110

EN 325 Postcolonial Literature (3)
A study of texts created in response to colonization, emphasizing the indigenous writing of Africa, Asia, Ireland, and/or the Americas. The course includes representative colonial texts where appropriate. Offered in fall of alternate years. Prerequisites: AH110, AH120, and AH220. Open to non-majors with the understanding of junior-level major expectations.

EN 335 Shakespeare (3)
A study of representative plays of Shakespeare, including Comedy, Tragedy, History, and Romance. The course includes close reading and a study of critical responses to the plays and their social context. Attention is also paid to the element of performance, especially as it relates to critical interpretation. Offered in alternate years. Prerequisite: AH110. Open to non-majors with the understanding of junior-level major expectations.

EN 345 American Literature (3)
A study of selected American literature. Representative texts are chosen to illustrate distinctive elements of genre and literary movements. Special attention is paid to the expanding canon of women and ethnic writers and to social and historical contexts. Offered in alternate years. Prerequisite: AH110. Open to non-majors with the understanding of junior-level major expectations.

EN 355 British Literature (3)
A study of selected texts in British literature. A major concern is the canon, how it is defined, how it operates discursively, and how it has been undermined by postcolonial and feminist writers, among others. Each text is examined in its particular social and historical context. Offered in alternate years. Prerequisite: AH110. Open to non-majors with the understanding of junior-level major expectations.

EN 425 Modern and Contemporary Literature (3)
A study of significant writers and texts of the twentieth century, including but not limited to American, British, and Commonwealth writers. When possible, emphasis will be placed on the relationship between literature and the other arts as well as on developments in cultural and intellectual history. Offered in alternate years. Prerequisites: Two EN courses numbered above 199 and junior standing.

EN 475 Advanced Creative Writing (3)
Workshop course focused on developing professional writing skills in poetry, fiction, or drama. The study of professional texts and techniques is included as students engage in meaningful critique and produce portfolios of near-professional quality. Offered in alternate years. May be repeated. Prerequisites: EN275 and junior standing.
EN 490 Literary and Cultural Theory (3)
The capstone of the English major. This course examines current trends in literary theory with concrete application to literary and filmic texts. Each interpretive theory will be examined comparatively with and against other theories. There will be special emphasis on self-identity, power, and textuality with additional attention to issues in the English profession. Offered in spring. Prerequisites: EN290 and senior standing.

EN 395 Special Topics (1-3)
Although presented in a manner comparable to regularly listed courses, the subject matter is not part of the regular curriculum. Special topics courses are designed by a faculty member, and, when they are offered, they are listed with the other courses in the class schedules.

EN 496 Readings (1-3)
Through a readings program, students may explore a special literary or linguistic topic to fill a void in their background. The readings program is directed toward some specific goal or purpose. The student submits an application to the Division Chair and the Chief Academic Officer through a faculty supervisor.

EN 499 Independent Research (1-3)
Independent research may be either project or research oriented. The student plans and creates the final product in an area related to his or her major area of study. The faculty member who serves as an advisor for the project must approve the student-generated design for the project or research. The Division Chair and the Chief Academic Officer must also approve.

EXERCISE SCIENCE (ES)
ES 121 Introduction to Exercise Science (3)
The history and philosophy of health, physical education, and sport are presented with career research and planning along with the psychological and sociological implications of current physical education, health, and sport issues. Students are introduced to professionals in their major area of study. They will examine closely all professional organizations pertinent to their area of study.

ES 122 Camp Counseling and Administration (3)
This course develops knowledge of camping skills that include everything from nature crafts to various water craft skills. Learn the various responsibilities and duties of required camp staff in a day camp and extend camp settings. Identify with leadership process, organization structure and personnel management. An awareness of State and Federal Health and Safety Standards, and the importance of fiscal management is also stressed within this course.

ES 125 Personal and Community Health (3)
An overview of current personal and community health issues which enables students to understand causes of, and solutions to present day health problems.

ES 129 Recreation Theory and Leadership (3)
This course develops recreation leadership skills and abilities through the study of group dynamics activities. Identify with the various leadership techniques as they relate to group dynamics. Study the history of recreation and how it has become important to all age group in the present. Become aware of professional journals, professional organizations and agencies and their involvement in the many aspects of recreation today.

ES 130 Fitness for Life (2)
This course is designed to increase students knowledge and appreciation of skill-related and health-related fitness principles. Students will develop and apply their knowledge of healthy lifestyles through lecture and laboratory opportunities by writing about, and engaging in their own fitness programs based on personal needs, interests, and expectations.

ES 131 Individual Fitness and Conditioning (1)
This course is designed to promote individual participation in fitness activities that will maintain or increase personal levels muscular strength, muscular endurance, muscular flexibility, and cardiovascular endurance. The instructor will work with students to develop a sound physical fitness regimen and will supervise biweekly exercise sessions. One credit ES131, ES132, ES135 and ES138 activity courses can be repeated up to a total of 3.0 credit hours. (Graded Pass/Fail)

ES 132 Racket Sport Activities (1)
This course is designed to promote small group participation in fitness activities that involve racket sports such as tennis, racquetball, badminton, or pickle ball. Students will learn about the rules and strategies involved with these racket sports and will have the opportunity to play them twice weekly. One credit ES131, ES132, ES135 and ES138 activity courses can be repeated up to a total of 3.0 credit hours. (Graded Pass/Fail)

ES 133 Lifetime Fitness (0)
This course is designed to allow students to complete an approved fitness activity course or program, offered outside of Defiance College. It must be approved by the Exercise Science Coordinator prior to registration and documentation of the course or program completion must be provided to fulfill the physical activity requirement. (Graded Pass/Fail)

ES 135 Group Recreational Activities (1)
This course is designed to promote small and/or large group participation in a variety of fitness activities that include volleyball, basketball, soccer, and other court games. Students will learn about the rules and strategies involved within these games and will have the opportunity to play them twice weekly. One credit ES131, ES132, ES135 and ES138 activity courses can be repeated up to a total of 3.0 credit hours. (Graded Pass/Fail)
ES 137 Intercollegiate Athletics (0)
This allows NCAA eligible student athletes to waive the physical activity component of the Personal Wellness requirement. This course waiver does not count toward the total number of hours required for the degree. This waiver allows students the option of an extra elective course rather than a required core course.

ES 138 Strength and Conditioning (1)
This course is designed to promote individual participation in strength training activities that will maintain or increase personal levels of muscular strength and power. The instructor will work with students to develop a sound strength-training regimen and will supervise biweekly exercise sessions. One credit ES131, ES132, ES135 and ES138 activity courses can be repeated up to a total of 3.0 credit hours. (Graded Pass/Fail)

ES 190 Medical Terminology (2)
Through the study of medical terminology the student will be introduced to the language of medicine. Students will gain an understanding of basic elements, rules of building and analyzing medical words, and medical terms associated with the body as a whole. Utilizing a systems approach, the student will define, interpret, and pronounce medical terms relating to structure and function, pathology, diagnosis, clinical procedures, oncology, and pharmacology. The student will be able to recognize, spell, pronounce and define medical words by combining prefixes, suffixes, and roots. In addition to medical terms, common abbreviations applicable to each system will be learned.

ES 234 Community First Aid and CPR (1)
Students can meet the requirements for Red Cross certification in community first aid and CPR, including infant, child, and adult CPR. The course concentrates on the immediate, temporary care given to the victim(s) of an accident or sudden illness until professional help is secured. After satisfactorily completing the practical requirements and tests, students will receive community first aid and CPR cards. (Graded Pass/Fail)

ES 237 Recreation for Special Populations (3)
Designed to provide the student with an understanding of activity analysis and selection for special populations. Students will present findings after evaluating the results from the screenings and appraisals.

ES 256 Evaluation and Measurement in Health and Physical Education (3)
Designed to develop philosophy and skills with measurement, evaluation, and testing in health, physical education, and sport. Students will have opportunities to collect and interpret data using descriptive and inferential statistical methods. Most assignments will be tailored to fit settings within the student’s area of study.

ES 330 Pharmacology (2)
This course will instruct the student in the knowledge of medications used to treat injuries and illness. The course will also include the discussion of illicit drugs and how health care professionals can intervene on behalf of those individuals using illicit drugs. Offered in the spring semester in alternate years.

ES 340 Nutrition (2)
This course will instruct the student in the concepts of proper nutrition and how it can benefit physically active individuals. These concepts include the basic nutritional components (proteins, carbohydrates, fats, vitamins, minerals, and water), caloric intake, weight management, pre-game meals, and eating disorders. Offered in the spring semester in alternate years.

ES 355 Exercise Physiology (3)
Exercise physiology is the study of how the body adapts to the acute and chronic stress of physical activity. It develops a basic understanding of how the body works by incorporating anatomy, motor learning, kinesiology, biomechanics, and systematic physiology. Prerequisite: BI235 and BI236 or BI229

ES 356 Kinesiology and Biomechanics (3)
The course is designed to investigate four components of physical activity: a) location, origin insertion, and action of the major muscles involved in physical activity; b) principles of motion and how they apply in the physical education/sport domain; c) analysis of various aspects of human movement for efficiency and effectiveness; d) improvement of movement style based on application of physics principles to analysis of movement. Prerequisite: BI235 and BI236 or BI229

ES 357 Muscle Structure and Function (2)
This course focuses on the functional anatomy of muscle origin, insertion, action and innervations. Applying their muscle knowledge, students will determine the exact muscles used during individual weight training exercises. Conditioning programs will be developed for individual sports that include specific weight training, plyometrics and cardiovascular programs. Prerequisite: BI235 and BI236 or BI229

ES 372 Recreation Programming (3)
Identify and design a variety of recreational activities suitable for various recreational settings. Become aware of organizational strategies suitable for these activities in their specific settings.

ES 481 Organization and Administration of Health, Physical Education, and Sport (3)
Organization and administration of health, physical education, sports medicine, and wellness programs with an emphasis on facilities, equipment, budget, scheduling, community relationships, use of community resources, current issues, and ethical concerns. After the first five weeks, the course will involve team teaching. Students will be placed in groups according to their major area of study. Prerequisite: juniors and seniors status only
FIRST-YEAR SEMINAR (FS)
FS 101 First-Year Seminar (3)
This course is designed as an introduction to college and helps students adjust to the academic and interpersonal challenges of college life. Special attention is focused on learning more about Defiance College's educational and service opportunities in addition to exploring the practical value of a liberal arts education. The course includes an orientation to the Pilgrim Library, various speakers, and an introductory civic engagement experience. This semester-long course is required of all full-time freshmen students below the age of 21 who have not had a successful college experience elsewhere.

FS 102 College Success Strategies (1)
This course reinforces skills needed for college success such as test-taking, note-taking, reading and time management. A workshop format is employed allowing students to take ownership for their own success. (Graded Pass/Fail)

FS 281 First-Year Seminar Peer Leader (1)
A First-Year Seminar Peer Leader will serve as a teaching assistant by being an active leader within the seminar. Peer leaders will help students get to know one another, communicate upcoming events, facilitate student involvement on campus by sharing personal experiences, refer students to appropriate resources on campus and serve as a resource to the faculty member by communicating student needs, assisting with class planning and presenting material. Peer leaders will be assigned to one section of FS101 and will collaborate with the designated FS101 instructor. All peer leaders must have completed FS101, maintain a 2.5 GPA, and participate in the Peer Leadership Training Workshop. Approval of the Director of Retention & First-Year Experience is required to register in this course.

FORENSIC SCIENCE (FN)
FN 343 Forensic Science I (3)
A study of modern techniques used in forensic science. Topics include evidence collection, proper processing and analytical instrumentation. Offered in alternate odd years. Prerequisite: CH234 with a grade of "C" or higher.

FN 353 Forensic Science II (3)
An in depth study of modern techniques used in forensic science. Topics include evidence collection, proper processing and analytical instrumentation. Offered in alternate odd years. Prerequisite: FN343 with a grade of "C" or higher.

GENERAL STUDIES (GS)
GS 111 Portfolio Development (1)
Covering the basics of portfolio design and content, this course includes the study of skills, values, methods, and objectives of a variety of disciplines in relation to individual competencies gained through work and/or life experience. There is a primary focus on the development of an effective portfolio. Offered in spring semester. (Graded Pass/Fail)

GS 200 Career Exploration (1)
This course is designed for first and second year students who wish to explore majors and careers. Students will gain an understanding of the process of career decision-making. They will learn how interests, skills, and values relate to career choices, and acquire information about educational and career options. Emphasis will be placed on self-evaluation, decision-making and goal setting. Offered each spring.

GS 281 Undergraduate Teaching Assistant (1)
Students participating in this course serve as Undergraduate Teaching Assistants (UTAs) for an instructor of an undergraduate course. Responsibilities include assisting the instructor with course activities and facilitating small group and individualized study sessions. UTAs gain experience leading group discussions, which can improve communication skills, increase specific content knowledge, and gives insight into what is involved in college-level teaching. A qualified student must have a 3.0 cum GPA and be approved by the instructor. This course may be repeated for a total of 2 credits (Graded Pass/Fail). Approval of the Director of Retention & First-Year Experience is required to register in this course.

GS299 Affiliated Program Year One (0)
Students participating in this course are students continuing their Defiance College education at other institutions, such as BSN 1-2-1 students and similar co-current programs. Students will be scheduled in this course during the first year while in an affiliated program in order to continue their relationship and access to services with Defiance College. Students enrolled in this course are expected to return to Defiance College with transfer credit applicable toward their Defiance College major. This course does not count toward the total number of hours required or earned for a degree. The course is not graded and will not appear on a student's transcript.

GS 300 Preparing for Graduate and Professional School (1)
This course is designed to prepare students for the graduate and professional school application process. At the end of the course, students should be knowledgeable about the basic differences between Master's, Doctoral and Professional degrees, information to include in a personal statement, when and how to apply, how many schools to apply to, preparing for standardized tests, asking for faculty letters of recommendation, preparing a curriculum vita (CV) or resume, and how to make oneself a strong candidate for admission. Teaching methodologies will include lecture, group discussion, oral presentations, journal entries and readings. Offered each fall.
GS 301 Professional Presentation (1)
This one credit course is designed to prepare junior and senior students for their job search. Upon completion of the course, students should be able to: Prepare a professional resume for use in job search, Prepare a professional cover letter for use in job search, Give a professional interview with their new interviewing skills, Identify sources of job information and best methods to look for a job, Utilize networking tools such as LinkedIn. Offered each fall.

GS 399 Affiliated Program Year Two (0):
Students participating in this course are students continuing their Defiance College education at other institutions, such as BSN 1-2-1 students and similar concurrent programs. Students will be scheduled in this course for the second year within an affiliated program in order to continue their relationship and access to services with Defiance College. This course does not count toward the total number of hours required or earned for a degree. The course is not graded and will not appear on a student's transcript.

GEOGRAPHY (GE)
GE 132 Physical Geography (3)
Landforms, weather and climate, soils and vegetation, and natural hazards. Nature and distribution of these environmental elements and their significance to man. Offered on demand.

GE 231 Geography of the Americas (3)
The natural resources, physical environment, economy, population, and cultural patterns of North and South America.

GE 232 World Geography (3)
The geography of Europe, Asia, Africa and Australia with emphasis on the natural resources, political conditions, economy, population and cultural patterns of each area. To a lesser extent the geography of the Americas will be studied.

GRAPHIC DESIGN (GD)
GD 115 Graphic Design Principles (3)
Principles of design including an introduction to design principles and theories. Includes elements of layout, typography, imagery, and visual communications. Prerequisite: AR111

GD 214 Basic Computer Design (3)
An introduction to the use of the computer as a tool in graphic design and illustration. Prerequisite: GD115

GD 215 Intermediate Graphic Design (3)
A computer-based course containing elements of design theory applied to visual communication and design applied to print, packaging and display. Prerequisite: GD214

GD 225 Introduction to Web Design (3)
An introduction to web design, the course presents practical application of commercial web design software. It includes discussion of the aesthetic factors considered when creating multimedia using the web and the internet. Students will design and develop web pages and place them on a server.

GD 235 Typography (3)
This course covers the history, theory, and practice of letterforms and typography as they apply to graphics, advertising, and other areas of design and visual communication. Topics include principles of typography, letter structure, typeface selection, fundamentals of computer typesetting, and typographic layout. Prerequisite: GD115.

GD 315 Advanced Graphic Design (3)
Computer-based problems with an emphasis on professional and creative solutions. Prerequisite: GD215

GD 341 2D Digital Animation (3)
This course introduces the basic concepts of 2D digital animation. It focuses on web purposed animation including animated GIF and Flash technology. Physics will be addressed but not emphasized. Offer in alternate years. Prerequisite: GD214

GD 343 Graphic Design Practicum (3-6)
A practicum course in designing for clients. The focus in this course is on finding graphic design solutions that meet the clients' need while still complying with design principles. May be repeated up to six hours. (This is a graded course.) Prerequisite: GD 215 or instructor's permission.

GD 425 Advanced Web Design (3)
A continuation of the concepts covered in GD325 Introduction to Web Design, this course focuses on implementing site wide solutions for dividing content and formatting. Creation of dynamic sites and using scripting to create a more interactive user experience is emphasized. Maintaining and planning for the lifecycle of web sites is covered. Prerequisite: GD325 or permission of instructor.
HEALTH EDUCATION (HE)

HE 177 School Health, Safety, and Services (3)
This course provides an overview of health service programs including health appraisal, healthy environment, safety, and community agencies and how they relate to health education in school and community settings. Health history is emphasized, along with student interviews and observations of school personnel. Ohio school law is discussed with identification of mandated and permissive curriculum content.

HE 376 School Health Methods (1)
A companion course to ED 410 Advanced Methods Seminar, the focus of this course is to provide senior level candidates the opportunity to learn about and integrate best practice content-based pedagogies in health into their instructional planning and implementation. The source of best practice pedagogies in health education is the American Association of Health Education. The course must be taken concurrently with ED 497 and 410. Prerequisites: ED202, 221, 228, 229, 370, PY225 and 227 and admission to the Teacher Education Program.

HISTORY (HI)

HI 201 US History to 1877 (3)
A survey of U.S. history from European contact to 1877, covering the major themes and issues in this country's early history. Major themes include the Colonial and Revolutionary Eras, Jacksonian America, and the Civil War.

HI 202 US History from 1877 (3)
A survey of US history from Reconstruction covering the major themes and issues in this country's post-Civil War period. Major themes include Populism, Westward Migration, Industrialization and America's involvement in the wars of the late 19th and 20th centuries.

HI 204 Europe: The Italian Renaissance to the Present (3)
A survey of European history from the Renaissance to the French Revolution and industrial ages, followed by the study of nation states, ideologies Imperialism and World Wars One and Two. Special attention is paid to European religious, cultural, political, social, and economic transformations that shaped the modern world.

HI 205 The 20th Century World (3)
This survey of the 20th world is designed to provide an overview of one of the most tumultuous periods in human history. The 20th century was an era of horror violent massacres and worldwide wars and unprecedented economic prosperity, technological and scientific innovation, and social justice. Looking at this age of extremes renders one sure verdict: the world is decidedly more interconnected than ever before. The responsibility for horror, prosperity, and justice belong to us all. This course takes that interconnectedness and that responsibility as the starting point, examining specific events for their global circumstances and ramifications.

HI 207 Ages of Empires (3)
This course will survey world civilizations of the Ancient Near-East, India, China, Greece, Rome, Islam and Africa from prehistory to 1500 CE. It will examine how and why human civilizations arise, the differences and similarities between civilizations of the world, and why some civilizations succeeded and others failed. The course will examine the development of politics, religion, philosophy, economic and the variety of cultures present in these regions. Offered in fall of alternate odd years.

HI 311 Colonial America (3)
An in-depth study of the Colonial Era, from European contact through the Revolutionary War. Themes that will be investigated will be Indian-white relations, the role of women and minorities in colonial America, and the social and cultural institutions, which helped shape American culture and history.

HI 328 Political Geography (3)
Political geography will examine diplomacy and international relations in the last two centuries. The course will examine geopolitics from the local, national, and global perspectives and discuss how the world has been fundamentally “reordered.” A variety of themes will be discussed including, but not limited to, state building, the role of imperialism, colonial legacies, terrorism, and national self-interest. Offered in spring of odd alternate years.

HI 336 History of the Constitution (3)
This course focuses on the historical ideas, events, and perceptions that led to the creation of the U.S. Constitution. Special emphasis will be placed on the motivations of the framers, the rationale of the Federalists and anti-Federalists, the Bill of Rights, the evolution of the government including the key concepts of liberty and freedom. Moreover, the course incorporates a degree of flexibility, which will allow for the accommodation of themes or issues in constitutional history that are of particular interest to the class participants. Offered in spring of even alternate years.

HI 340 History of the Middle East (3)
A survey of the history of the Islamic Middle East and North Africa with special attention paid to the Arab expansion of the medieval period, the Ottoman Empire, and particularly the modern Middle East in crisis. Offered in alternate years. Prerequisites: AH110, AH220, and a 200-level history course.

HI 345 The Ohio Area (3)
History of the Ohio area from prehistoric to post-Civil War times. A survey of regional geography and economic and social influences. Offered in alternate years.
HI 350 History of Asia (3)
A survey of the early histories of China and India, followed by
major developments in Asia before the modern period, and
culminating with the emergence of modern Japan, India’s struggle
for independence, China’s ongoing 20th century revolution,
and the crisis in southeast Asia. Offered in alternate years.
Prerequisites: AH110, AH220, and a 200-level history course.

HI 360 Modern Latin America (3)
An in-depth survey of Latin America since independence, with
special attention paid to the history of Mexico and Central
America. A thematic approach will be used, with a focus on
the social and cultural aspects of this tumultuous time in Latin
American history. Prerequisites: AH110, AH220, and a 200-level
history course.

HI 395 Special Topics
Among others, the following courses may be offered periodically
as special topic courses:
- African-American History
- Modern Latin America
- The History of Women in America
- Trans-Mississippi West
- The Civil War
- Social and Cultural History of the United States
- Germany, from Bismarck to Hitler

HI 398 Historical Methods and Public History (3)
This course introduces and reinforces the major skills and
methods of the historical profession. Topics covered include
historical writing and the proper documentation of that writing,
advanced research skills, oral interview techniques, and basic
archives and records management.

HI 496 Readings
Through a readings program, students may explore the literature
of a specific field in preparation for a later independent research
project, can fill a void in their background, or read the literature
of a subject for its own value. The program is directed toward
some specific goal or purpose. The student is expected to submit
application through a faculty supervisor.

HI 498 Seminar: Senior Capstone Experience (3)
In a seminar for credit, the faculty leader selects a topic or theme
which is published in the regular schedule. The student works
independently to a greater degree than in a regular course. A
seminar meets on a regular basis for discussion of materials
relative to the topic.

HI 199, 299, 399, 499 Independent Research
Independent research may be either project or research-oriented.
Such topics are not a normal part of the curriculum and serve two
needs: first, the student investigates an area of special interest;
and second, the student works closely with a faculty member in
planning, executing and evaluating the program.

INFORMATION TECHNOLOGY (IT)

IT 102 Word Processing/Clip Art Skills (1)
This module introduces the concepts for creating and enhancing
word processing documents on microcomputers. Students create
reports, resume with cover-letter, and flyers with clipart.

IT 103 Spreadsheet Skills (1)
This module introduces the concepts for designing and using
spreadsheets on microcomputers. Students create worksheets,
graphs and learn to perform “what is” analyses.

IT 104 Presentation Skills (1)
This module introduces the concepts for designing and using
presentation software (PowerPoint) with microcomputers.
Students create electronic slides and organize complete
presentations.

INTERNATIONAL AND GLOBAL
STUDIES (IS)

IS 211 Introduction to International and Global Studies (3)
This course provides an overview of the multidisciplinary aspects
of International and Global Studies including the following
areas: business, religion, political science, history, environmental
management, geography, communication and literature.

IS 300 Conflict Resolution/ Peace Studies (3)
This course discusses from a philosophical, moral, diplomatic,
and historical-political point of view international conflict
resolution strategy, with some case studies (e.g. South Africa),
war and peace, violence and terror, and especially, issues in
international law and human rights.

IS 450 Seminar in International & Global Studies (3)
A topics and methods course that examines current hotspots
and conflicts around the world. Topics might include any of
the significant areas of study in the major. The emphasis is on
understanding the methods of the various disciplines of the
major.

IS 499 Senior Capstone Project (3-6)
The senior capstone serves to fully integrate the educational
experiences and disciplinary approaches and topics of the major.
The capstone incorporates both a classroom component and
independent research. Students design and execute a research
project that employs sound methodology and results in a
comprehensive paper. The capstone culminates in a presentation
at one of the honors symposia or other similar event.
**LANGUAGE (LA)**

**LA 101, 102 Conversational Spanish I, II (2,2)**
This course is designed to introduce students to phonics, vocabulary, and the ability to understand, read, write and speak simple Spanish as well as explore the cultures of the Spanish speaking world. With active participation in class and adequate practice out of class, students will increase not only the knowledge of Spanish vocabulary, common expressions, grammar, improving listening and communication skills, but will also gain a better understanding of Spanish culture, using materials from Spain, Mexico, and Central and South America.

**LA 111, 112 Conversational Arabic I, II (2,2)**
This course is designed to introduce students to phonics, vocabulary, and the ability to understand, read, write and speak simple Modern Standard Arabic as well as explore the cultures of the Arabic-speaking world. With active participation in class and adequate practice outside of class, students will increase not only the knowledge of Arabic vocabulary, common expressions, grammar, improving listening and communication skills, but will gain a better understanding of the culture of the Arabic people as well.

**LA 121, 122 Conversational Chinese I, II (2,2)**
Conversational Chinese I & II – This course is designed to introduce students to phonics, vocabulary, and the ability to understand, read, write and speak simple Chinese as well as explore the cultures of the Chinese speaking world. The lectures will be highly interactive with skits and pair/group situational dialogues that reflect daily activities. With active participation in class and adequate practice out of class, students will increase not only the knowledge of Chinese vocabulary, common expressions, grammar, improving listening and communication skills, but will gain a better understanding of the culture of Chinese people as well.

**MANAGEMENT (MG)**

**MG 331 Management and Organizational Behavior (3)**
Basic principles of management with an emphasis on the human relations approach. Includes studies of organizational development issues, practical applications of motivational theory, and leadership approaches all relative to both profit and not-for profit organizations. **Prerequisite: junior standing**

**MG 332 Human Resource Management (3)**
A study of the basic functions associated with human resource management including recruitment, selection, development and compensation of personnel, performance evaluation, quality of work life, and employment practices and policies. **Prerequisites: MG331 and junior standing**

**MG 340 Teamwork and Teambuilding (3)**
This course uses a collaborative learning environment to study team development and characteristics while also exploring interpersonal issues and personal feelings in group involvement. The course setting becomes a laboratory for group interaction where one’s effectiveness as a team member increases. The course teaches management of conflict between and within groups and decision-making and problem-solving styles. **Prerequisite: MG331**

**MG 470 Organizational Leadership (3)**
An analysis of various theories and approaches. The course includes skill development, experiential activities, theoretical constructs and guest speakers who are leaders in a variety of settings. **Prerequisite: MG331**

**MG 485 Small Business Management (3)**
Practical problems in operations, marketing, and finance facing the small businessman or entrepreneur; readings, case studies, and consulting projects with local firms. **Prerequisites: junior standing and permission from instructor.**

**MARKETING (MK)**

**MK 340 Principles of Marketing (3)**
An introductory survey of the marketing function: product design, distribution, pricing, and integrated marketing communication.

**MK 341 Advertising and Promotion (3)**
Role of advertising in business and society; concepts and strategy in the administration of advertising programs; budgets and media selection; evaluation of advertising effectiveness. **Prerequisite: MK340**

**MK 344 Retail Management (3)**
Principles of retailing as applied to the marketing of goods and services to ultimate consumers. Store location, consumer behavior, promotion, and personal selling skills are examined. Purchasing practices and price setting for retail managers. **Prerequisite: MK340**

**MK 348 Sales Management and Professional Selling (3)**
A study of basic personal selling techniques: steps in the selling process, buyer behavior, obligations, and personality factors in the selling process and overall management of the sales function. **Prerequisite: MK340**

**MK 410 E-Marketing (3)**
An in-depth study of the role of the internet in transforming marketing decision making and activities. Emphasis is placed on developing internet based marketing strategies and utilization of the electronic channel to add customer value. Students are required to create an E-Marketing plan. **Prerequisite: MK340**

**MK 442 Marketing Management (3)**
This course uses case studies to examine marketing problems faced by companies. Students will examine the marketing function in detail and how it interrelates with other functional areas of the organization. Students will also examine case studies from a strategic management view and how marketing is a key component of a company’s strategic plan. **Prerequisite: MK340 and junior standing.**
MK 449 Marketing Research (3)
This course examines the methods of planning and conducting market research projects; analysis and interpretation of research data. Prerequisites: BA212 and MK340

MK 450 Buyer Behavior (3)
Study of business, consumer and non-profit organizational buying processes. Emphasis is placed upon understanding the internal and external determinants of buyer behavior, including its social, cultural, information processing and psychological aspects. Prerequisite: MK340 or permission of instructor

MK 460 Special Topics in Marketing (3)
In-depth study of selected topics and problems that confront the marketing decision-maker. Examples include problems in global marketing, social marketing, services marketing and industrial marketing. May be repeated more than once based upon the content of the course and the permission of the instructor. Prerequisite: MK 340 or permission of the instructor

MATHEMATICS (MA)
MA 105 Quantitative Reasoning (3)
This course explores commonly used mathematical topics to develop reasoning skills. An interdisciplinary approach is used with examples from various academic fields. Topics include logical reasoning, introduction to statistical concepts, unit conversion, formulas and linear modeling, and probability. This course meets the general education requirement for mathematics and prepares students to continue in math and statistics.

MA 106 Pre-Calculus Mathematics (4)
Topics in algebra, trigonometry, and functions that are essential for success in calculus. Intended for majors in mathematics, computer science, natural science, and others who will go into the calculus sequence. Credit will apply to the mathematics major. Prerequisite: MA105 with grade of “C-” or higher, or satisfactory placement test.

MA 115 Principles of Geometry (3)
This course is designed to provide an in-depth understanding of the concepts of Euclidean geometry. The content topics include measurement in U.S. and metric units, conversion of units, formulas for perimeter, area, volume and surface area, similar triangles and proportions, transformations of area and volume, classification of geometric objects and shapes, properties of angles, lines and geometric objects, coordinate geometry, congruence, symmetry and constructions. Process skills will include problem solving, conjecturing, reasoning, finding counterexamples, communications, connections and representation. Topics will include but not be restricted to those aligned with the Ohio Academic Content Standards for grades 4 – 9. Offered in alternate years. Prerequisite: MA106 or permission of the instructor.

MA 201, 202, 203 Analytical Geometry and Calculus I, II, III (4,4,4)
A three-course sequence covering limits, derivatives, antiderivatives and the definite integral, elementary function analysis, infinite series, related topics in analytic geometry, and selected relationships within mathematics and connect mathematics to scientific applications and to other disciplines in real world situations. Prerequisite: MA106 or equivalent

MA 300 The History of Mathematics (3)
Mathematics as it existed at various stages of history—Babylonian and Egyptian, Greek, Chinese, Hindu, Arabian, and Modern. Significant stages in the development of different branches of mathematics, such as geometry, algebra, and calculus. Ancient problem-solving techniques, as well as contributions from underrepresented groups and from diverse cultures will be explored. Offered in alternate years. Prerequisite: MA201

MA 301 Linear Algebra (4)
Vectors and vector spaces, linear transformations, isomorphism, matrix algebra, matrix eigenvectors, and determinants. Offered in alternate years. Prerequisite: one semester of calculus or permission of instructor.

MA 302 Modern Abstract Algebra (4)
A study of algebraic structures, this course includes and introduction to groups, rings, integral domains and fields, examining both concrete examples, and axiomatic structure. Offered in alternate years. Prerequisite: two semesters of calculus or permission of instructor.

MA 304 Modern Geometry (4)
A re-examination of Euclidean geometry and an introduction to new geometries including classical non-Euclidean. Geometry is examined both as an axiomatic system and as a group of transformations. The understanding and application of the process of measurement is included. Offered in alternate years. Prerequisite: calculus or permission of the instructor

MA 305 Discrete Mathematical Structures (3)
Topics from graph theory, combinatorics, logic and set theory. Includes making conjectures and an examination of the structure of proofs. Offered in alternate years. Prerequisite: MA106

MA 306 Probability and Statistics (4)
An examination of probability both in theory and application, graphical and numerical analysis of data, random variables, probability distributions, estimation, hypothesis testing and linear regression. Emphasis on computer and handheld technology. Offered in alternate years. Prerequisite: one semester of calculus

MA 401 Differential Equations (4)
Methods of solution of ordinary differential equations, numerical computation and estimation techniques extended to algebraic expressions, selected applications, Laplace transforms and power series solutions to equations, fundamental matrix solutions, and series solutions. Prerequisite: MA203
MA 405 Operations Research (3)
Mathematical programming and models. Topics will include linear programming, integer programming, network models, game theory, and Markov chains. The main emphasis of the course will be to introduce students to the concepts of building models and applying these to a variety of situations. Students will be expected to build and implement models of their own using computer simulation for solutions. Offered in alternate years.
Prerequisite: MA301 or equivalent

MA 410 Topics in Applied Mathematics (3)
Applications of advanced mathematics to include Fourier series and Boundary-value problems, Green's functions, calculus of variations, Sturm-Liouville eigenvalue problems, and tensor analysis. Prerequisite: MA203 (and MA401 is recommended)

MA 420 Real Analysis (4)
This course is designed as a theoretical sequel to the calculus series. The study of sets, sequences and functions becomes a foundation for advanced study. Topics include convergence of sequences, continuity and uniform continuity, derivative and integral, and some introductory topology. Offered fall of odd alternate years. Prerequisite: MA203

MA 490 Senior Capstone Project (3-4)
A senior project is required of all mathematics majors. Each student will complete an independent project under the supervision of a mathematics faculty member and present the results to the mathematics faculty and students. Seniors engaged in senior projects are expected to attend all presentations. Students investigate using a problem-solving approach to the investigation and demonstrate and understanding of mathematical content using every day mathematical language. They must be able to make and evaluate mathematical conjecture and arguments and validate their own mathematical thinking.

MCourses integrate community-based research conducted with international or national partners and an off-campus field experience. McMaster student Scholars will participate in a learning community to develop an in-depth understanding of the issues surrounding the location of study and investigate community-defined needs within a multidisciplinary framework that includes but is not limited to study of the culture, history, arts, economics, and politics relative to the geographic and social environments. Each Scholar will participate in a series of ‘constitutional conversations’ to develop a macro perspective of issues that impact the human condition, both in their research location and globally. In addition each Scholar will complete a research project and produce a scholarly summary/product at the end of the academic term. Enrollment in this course is required by and is restricted to approved McMaster Scholars. Course section MC 371 is the course number for the Belize learning community, MC372 is Cambodia, MC373 is New Orleans, MC374 is Belize-San Mateo, and MC375 is Ghana in the 2011-12 academic year. (Graded Pass/Fail)

MUSIC (MU)
MU 139 Music Ensembles (.5)
Music ensembles involve students in cooperative learning environments developing aural, communication, and leadership skills. Experience in music is not required in all ensembles, but some may require an audition and/or approval by the instructor. Half-credit hour ensembles typically meet once a week for a portion of the semester with required performances outside the weekly class meeting.

MU 140 Music Ensembles (1)
Music ensembles involve students in cooperative learning environments developing aural, communication, and leadership skills. Experience in music is not required in all ensembles, but some may require an audition and/or approval by the instructor. One credit hour ensembles typically meet once or twice a week with required performances outside the weekly class meetings.

MU 138 Private Applied Music (1)
Private applied music requires the approval of the instructor. Enrollment for one credit entitles the student to 12 one-half hour lessons on a weekly basis, and the student is required to practice three hours per week. This course cannot be taken as audit.

MU 110 Introduction to Music (3)
An introduction to the nature of musical sound and the rich heritage of Western and World music. Designed to create an informed listener, the course is a survey of the historic eras and musical personalities that have shaped our music. This course can be utilized to fulfill the “fine art” general education requirement.
**MU 123, MU 124 Musicianship I, II (4,4)**
Musicianship is a two semester sequence of courses in music theory designed to help the student musician who wants to increase their understanding and enjoyment of music by developing musical skills and an understanding of how music is put together. These courses are called “theory” courses, but they deal as much with the practice of music as with its theory. Being able to sing a melody at sight and to harmonize a tune are examples of the kinds of practical skills developed in this course. Offered alternate years.

**MU 230 History of Rock and Roll (3)**
The History of Rock and Roll encompasses the powerful effect that popular music has on culture. Since the advent of the 20th century, popular music has become both definitive and at the same time expressive of the social, emotional, economical, spiritual, and political climate of people worldwide. The course will trace the roots of popular music from the 1920s to present day, focusing on the changes and expressions of global societies. Though “Rock and Roll” is often seen as an American invention, this course will dig deeply into the roots of human expression through music worldwide. The course will transcend both inter-continental influences and cross generational boundaries throughout human history in the discovery of a medium that remains core to the human experience.

**MU 335, MU 336 History of Western Music I, II (3,3)**
The music history series is a study of the development and literature of music in the Western world beginning with the Greek civilizations and proceeding the twentieth century. The second course begins in the 1800s. Offered in alternate years. **Prerequisite: MU110 or permission of the instructor.**

**MU 371 Leadership in Music (3)**
Leadership in Music develops the skills required to successfully prepare and direct a musical ensemble. Course content includes basic conducting, choosing repertoire, budgeting and planning programs, and using technology in music. Students may select the type of group to operate and may also have the opportunity to work with the Defiance College ensembles. Offered in alternate years.

**NS 200 Earth in the Cosmos (4)**
This course is designed to meet the life science requirement for non-science majors. This class allows for the exploration of the scientific method, the development of hypotheses, and an understanding of the physical universe through observation, investigation, and inference. The students will gain an appreciation for the physical mechanisms of the universe and the synergistic links between these processes, the natural sciences, and human culture. A laboratory component is required.

**NS 201 The Development of Life on Earth (4)**
This course is designed to meet the life science requirement for non-science majors. Areas of emphasis are the cell, inheritance, evolution, animal anatomy and physiology, and ecology. Particular attention will be given to the human species and how it fits in the environment. A laboratory component is required.

**NS 199, 299, 399 Independent Research**
Independent research may be either project or research-oriented. Such topics are not a normal part of the curriculum and serve two needs: first, the student investigates an area of special interest; and second, the student works closely with a faculty member in planning, executing and evaluating the program.

**NS 310 Geographic Information Systems (4)**
This course serves as an introduction to Geographic Information Systems (GIS) focusing on both the theory behind and application of GIS to a variety of fields. Applications in education, business, social sciences, and natural sciences will be covered through training using ESRI’s ArcGIS software. Two 50 minute lectures; One 3 hour and 50 minute laboratory per week. Offered spring of alternate years.

**NS 378 Scientific Research Methods (1)**
This course helps to prepare students with the scientific research skills that will be necessary for a successful capstone experience, and in their professional career. Topics covered include methods for finding and accessing scientific literature, preparing an annotated bibliography, working with data, figures and statistics, scientific writing methods, peer review, and preparing oral and poster presentations.

**NS 390 Art of the Exam (1)**
A one credit hour course designed to prepare pre-professional science majors for the rigors of entrance exams. Attention is focused on GRE and MCAT formats. Topics include test tactics to improve performance on timed exams, reading comprehension and vocabulary, and preparation for the scientific portion of the GRE and MCAT tests. Actual timed exams including two hour tests are given, graded, and discussed. Offered in alternate years. **Prerequisites: Junior or senior status and permission of the instructor.**
NS 392 Global Sustainability (3)
This interdisciplinary course explores those factors that are key indicators of global environmental conditions including food/agriculture development, energy consumption/production, atmospheric conditions and issues of hydrology, trends in biodiversity, and health, social and population concerns. Each of these concepts is observed not only from the perspective of current conditions but looking at the evolution of conditions from past to future. The course uses this knowledge base to support study of the shift from current condition to global sustainability and the roles of society, business and government in that cultural evolution. Prerequisites: Must have met general education science requirement or with permission of the instructor.

NS 394 Cooperative Education or NS 391 Internship
Natural Science faculty realize the value of a field-type experience in today's educational curriculum. Faculty also realize that enabling a student to have a valuable educational experience at the on-site location, the basic courses which will allow the work experience to be an enlightening and expandable part of education must have been taken. The following criteria have been established by the Natural Science faculty for students desiring science credit while enrolled in cooperative education or an internship; (1) Students must achieve junior standing. (2) Students must not be on academic probation. (3) Students will meet with appropriate staff members of the Division and present a rationale indicating how the work experience will enhance their science education. If the rationale for cooperative education or an internship is acceptable and meets the criteria above, the staff will approve the proposal. Upon completion of the educational experience, the student will present a seminar for the faculty and students as a part of a regularly scheduled Natural Science seminar. Following the completion of the seminar presentation, the student will be graded.

NS 398 Seminar in Environmental Topics (2)
In this seminar students will explore the difficult and often controversial issues surrounding environmental problems. Through readings, discussions, guest speakers, field trips, independent research, writing, and oral presentations, students will develop a clearer understanding of the underlying causes and long term implications of some of the environmental problems facing the world today. Both local and global environmental problems will be examined in the seminar. Offered fall of alternate odd years. Prerequisites: Biology major with minimum junior standing or permission of the instructor.

NS 491 Medical Laboratory Science Internship (30)
The medical laboratory science internship is the culminating experience consisting of 30 credit hours of combined didactic and laboratory training at an NAACLS accredited hospital. Material covered follows the standard curriculum recommended by the American Society of Clinical Pathologists and may include: Bacteriology, Parasitology, Mycology, Blood Bank, Chemistry, Hematology, Immunology, Urinalysis, and Phlebotomy, Cytogenetics, Molecular Diagnostics, and Laboratory Management. Students must meet the health and physical eligibility requirements as outlined by the training facility. Students will be evaluated separately by the training facility and by their internship supervisor at Defiance College. (Graded Pass/Fail)

NS 496 Readings
Through a reading program, a student may explore the literature of a specific field in preparation for a later independent research project or can fill a void in his/her background. In all cases, the program is directed toward some specific goal or purpose. The student must apply through a faculty supervisor.

NS 499 Senior Capstone Project (2-4)
A senior capstone project is required of all Natural Science majors and can be completed by either completing an independent research project under the supervision of a Natural Science faculty member or by presenting the research during a Natural Science seminar during the senior year. If circumstances preclude a student from completing an independent research project, the following method can be used to fulfill the requirement. During the junior year a student prepares a literature analysis and review of a specific topic approved by two Natural Science faculty members. During the senior year the student will present a Natural Science seminar covering the topic.

NURSING (NR)
NR 101 Nurse Aide Certification (2)
An introductory course in which students learn the basics of health care delivery and are able to work in a variety of health care settings. Upon completion students will be eligible to sit for the state certification exam. Lecture + Clinical: taken off-site.

NR 365 Nursing in a Globalized World (3)
This course will focus on the global aspects of health care delivery. Country comparisons will be completed and students will provide an analysis of a selected country's health care system. The U.S. health care delivery system will be studied in relation to its increasing diverse population groups. Administrative, workforce, client, and funding issues will be addressed. Prerequisites: NR400 and NR415

NR 380 Nursing Informatics (2)
This course will review the evolution of nursing informatics and beginning concepts used in the management and processing of data, including the information and knowledge to support nursing practice. Students will be introduced to the hardware, software, databases and communication systems. Concepts related to information literacy, computerized information systems, evaluation of online health resources, issues and trends in informatics and emerging technologies will be explored. Prerequisites: NR400 and NR415
NR 400 Nursing Transitions (3)
This course is designed for the RN who is making the transition to baccalaureate nursing. The course focuses on gathering, analyzing and synthesizing information obtained in the delivery of health care and on looking beyond the medical field into other areas that may impact the health and well-being of clients. Prerequisites: CH113 and PY/SW 230

NR 415 Nursing Research (3)
This course focuses on nursing research in the context of evidence-based practice. Nursing theories and nursing literature will be examined in the relationship to nursing practice. Students will be expected to critically evaluate articles in the nursing literature. Ethical considerations will also be discussed. Prerequisite: NR400

NR 475 Community Health Nursing (6)
This course focuses on maintaining the health and well-being of individuals and groups of individuals. Topics for discussion include a collaborative approach to health care, transcultural nursing, health promotion activities, quality assurance and the evolution of community nursing. 3 hrs lecture and 2 hrs clinical (90 clock hours), Prerequisites: NR400 and NR415

NR 480 Nursing Leadership and Management (6)
This course focuses on managerial and leadership principles in the health care setting. Topics for discussion include strategic planning, organizational structure and culture, communication, conflict resolution, budget planning and evaluation, human resource issues, power and politics and teambuilding. 4 hrs lecture and 2 hrs clinical (90 clock hours). Prerequisites: NR400 and NR415

ORGANIZATIONAL SUPERVISION AND LEADERSHIP (OS)
OS 469W (Online Only) Principles of Supervision (3)
A study of the basic principles of supervision that includes the various aspects of the themes related to supervision. Topics will include: Supervisory challenges that occur in today's modern and dynamic business environment; Major functions of a supervisor in reaching organizational goals and objectives; Basic Skills that supervisors need in today's complex and diverse working environments, and how to utilize human resources skills in recruiting, selecting, orienting and appraising employees in the workplace. Students will also gain an appreciation for theory and how it can be applied in a practical sense. Prerequisites: Verification of Associates Degree, acceptance into the OSL Degree program, and junior or senior academic standing.

OS 475W (Online Only) Leading Organizational Change (3)
This course examines the change process and how selected companies have made changes to their organizations. Other topics will include: diagnosis and resistance to change, implementing change, linking vision to the change and communicating the change process. Case studies will be used to examine the various topics. Prerequisites: Senior Academic Standing or currently in the Organizational Supervision and Leadership Program or permission of instructor.

PHYSICAL EDUCATION (PE)
PE 117 Secondary School Activities (3)
This course is designed to give the prospective secondary physical education major or recreation specialist an understanding of fundamental sport skills, materials, and methods of presenting the various skills. Emphasis will be placed on skill-learning through maximum participation.

PE 222 Pre K-3 Field Experience (1)
This course is to be taken concurrently with PE224. The students will be placed in a partnership school, where they will be working with a physical education teacher at the Pre K-3 level. Students will be expected to develop and organize physical activities for these age levels, and apply them through appropriate methodology. Students will be videotaped, and specific assessments will be carried out by the physical education teacher and the college professor. (Graded Pass/Fail) Prerequisite: education major or permission of instructor.

PE 224 Health and Physical Activity for Pre K-3 (3)
Presentation of activities and methodology related to health and physical education Pre K-3. The methods and selected strategies will meet the growth and development needs of these children. Information included: basic health; safety; nutrition; communicable disease and abuse; basic rhythmic work; creative play-drama; body management; locomotor and non-locomotor and manipulative work; games of low organization. Must be taken concurrently with PE222. Prerequisite: education major or permission of instructor.

PE 259 Adapted Physical Education, Recreation and Sport (2)
The study of challenged youth, identifying the characteristics of various groups and the challenges of meeting their needs through the selection of the appropriate activities. The students will learn about the importance of developing and working with the IEP, after working with a number of testing and screening devices. There is a field service component as part of the course requirements.

PE 260 Physical Education in Grades 4-8 (3)
Presentation of skills and methodology in a variety of activities suitable to meet the needs and characteristics of youngsters in grades 4 through 8. The course will include tumbling, elementary gymnastics, rhythmic activities, team and individual sports, and wellness/fitness. Evaluation and testing procedures will be identified for the various activities. Prerequisite: education major or permission of instructor.
PE 317 Physical Education Methods (1)
A companion course to ED 410 Advanced Methods Seminar, the focus of this course is to provide senior level candidates the opportunity to learn about and integrate best practice content-based pedagogies in instructional planning and implementation. The source of best practice pedagogies in physical education will be the National Association of Sport and Physical Education. Additionally, the Ohio Academic Standards in Physical Education is used as the source of content and organization for the course. The course must be taken concurrently with ED497 and ED410. Prerequisites: ED202, 221, 228, 229, 370, PE260, PY225 and 227 and admission to the Teacher Education Program.

PE 358 Motor Learning and Movement Education (3)
This course emphasizes movement and movement behavior as a basis for learning. Develop an understanding of the factors that affect motor learning, performance, and retention through the study of skill acquisition, practice settings, types of feedback, positive and bilateral transfer, speed and reaction time. Library research is required with each assigned laboratory.

PE 361 Principles of Coaching (2)
The general coaching theory and practice course will provide students with information relative to coaching that concerns training, conditioning, communication, motivation, ethics and organization. The course is required before the student schedules one of the following: PE362 through PE367. Offered in alternate years.

PE 362 Methods in Coaching Track (1)
Methods and techniques for coaching the various track and field events. Practice organization and administration is stressed, with specific strategies and conditioning. Prerequisite: PE 361

PE 363 Methods in Coaching Basketball (1)
Methods and techniques for coaching basketball. Practice organization and administration is stressed, along with the specific strategies and conditioning. Prerequisite: PE361

PE 364 Methods in Coaching Softball (1)
Methods and techniques for coaching softball. Practice organization and administration is stressed, along with the specific strategies and conditioning. Prerequisite: PE361

PE 365 Methods in Coaching Baseball (1)
Methods and techniques for coaching baseball. Practice organization and administration is stressed, along with the specific strategies and conditioning. Prerequisite: PE256

PE 366 Methods in Coaching Football (1)
Methods and techniques for coaching football. Practice organization and administration is stressed, along with the specific strategies and conditioning. Prerequisite: PE361

PH 100 Physical Science (4)
An exploration of the physical universe (physics, chemistry and astronomy) with the purpose of helping the student develop an understanding and appreciation of physical phenomena. Mathematics used includes arithmetic and elementary algebra. Three class periods and one laboratory period per week. Offered in alternate years.

PH 195 Physical Science Concepts (4)
This class allows for the exploration of the development of modern scientific thought, specifically the development of physical science concepts. This students will gain an appreciation of how the scientific method facilitates an understanding of the physical universe through observation, investigation, and inference. The students will explore the physical mechanisms of the universe and the synergistic links between these processes, the human culture.

PH 202 Introduction to Geology (4)
This course explores the relationships between human beings and their geological environment. The earth is viewed as a dynamic planet affected by sudden, violent events such as volcanic eruptions, earthquakes, and floods, as well as by slower processes operating over long time spans that create, move, and destroy continents and oceans. Topics will include (1) geological hazards such as earthquakes, volcanoes, and flooding, (2) soil, water, and air pollution, and (3) the formation of minerals, rocks, soil fossil fuels, and other natural resources. Offered in alternate years.

PH 210 General Physics I (4)
Introductory course in physics covering the topics of mechanics, sound and heat. Three class periods and one laboratory period per week. Offered in alternate years. Prerequisite: MA106 or permission of instructor

PH 220 General Physics II (4)
Introductory course in physics covering the topics of electricity, magnetism, optics, atomic and nuclear physics. Three class periods and one laboratory period per week. Offered in alternate years. Prerequisite: PH210 or permission of instructor

POLITICAL SCIENCE (PS)
PS 237 American Government and Politics (3)
This course will provide students with a basic understanding of the political institutions of the American Government as well as its strengths and weaknesses. Students will study the structure and purpose of the U.S. Constitution; the various levels and branches of government; the rights and responsibilities of citizens; the processes of government action; the social, economic, and geographic influences of government action; the roles of interest groups, elections, and the concepts of civil rights, liberty, freedom and equality. Offered fall of odd years.
PS 325 Public Opinion and Propaganda (3)
Formation of public opinion in a democracy and its role. Analysis of mass communication and the uses of propaganda in democratic and non-democratic states. Focus will be on intention, message and effects of uses of propaganda. Offered in alternate years.

PS 336 History of the Constitution (3)
This course focuses on the historical ideas, events, and perceptions that led to the creation of the U.S. Constitution. Special emphasis will be placed on the motivations of the framers, the rationale of the Federalists and anti-Federalists, the Bill of Rights, the evolution of the government including the key concepts of liberty and freedom. Moreover, the course incorporates a degree of flexibility, which will allow for the accommodation of themes or issues in constitutional history that are of particular interest to the class participants. Offered in spring of even alternate years.

PS 337 Comparative Social and Political Systems (1)
Serving as an overview of selected social and political systems worldwide, this course provides students with the opportunity to reflect upon macro-level policy issues that affect US and global populations. The students will use the experiences that they have had through the course pre-requisites to compare world and U.S. social and political systems. Insight and experiences from Defiance College faculty, community members, and students will be shared and discussed in order to relate “on-the-ground” learning experiences to current theories and models related to global political and social systems. Offered in spring semesters. Prerequisites MC371, 372, 373, 374 or 375 and either HI336 or PS237 or permission of the instructor.

PS 371 Constitutional Law (3)
A study of the U.S. constitution through analysis of major Supreme Court decisions and the impact of those decisions upon the American political process. Offered in alternate years.

PS 495 Special Topics: These courses may be taken in political science. See descriptions of these courses under the Criminal Justice section.

PSYCHOLOGY (PY)
PY 110 Introduction to Psychology (3)
The application of psychological principles to the understanding of human behavior (not open to conditionally accepted first semester freshmen).

PY 205 Sport Psychology (3)
This overview course is designed to introduce the student interested in the three major fields of sport psychology (applied, teaching, and clinical). Theories and techniques used to enhance performance and personal growth of athletes and coaches will be explored. Prerequisite: PY110

PY 225 Infancy and Childhood (3)
An introduction to normative physiological, social, cognitive, and emotional development as a continuous process from conception through late childhood. Prerequisite: PY110

PY 227 Adolescence and Adulthood (3)
The course covers bio-psycho-social issues of development of the human being from puberty through advanced age. Key transitions in the family, interpersonal, educational and occupational realms of life are highlighted. Prerequisite: PY110

PY 230 Behavioral Statistics (3)
Quantitative analysis of behavioral measures including descriptive, correlational, and inferential methods. Report writing in the behavioral sciences is also emphasized. Knowledge of basic algebra is recommended.

PY 260 Social Psychology (3)
An analysis of individual, group, and collective behavior from both psychological perspectives. Topics include general theories, methods and empirical data on attribution, social perception, attitude formation, and conformity. Prerequisite: PY110

PY 270 Human Sexuality (3)
This course is intended to provide a comprehensive overview of human sexuality, to include information about anatomy, the sexual response cycle, STIs, healthy reproductive decisions, sexual orientation, sexual problems, sexual variants, victimization, and social / legal issues regarding the sale of sex. Prerequisite: PY110, not open to freshmen

PY 290 Abnormal Psychology (3)
An examination of the signs and symptoms of behavioral pathology and the interplay of social, learning, and physiological factors in the etiology of mental disorders. Prerequisite: PY110

PY 302 Psychology Research Methods (3)
The primary goals of this course are to teach students to design and conduct research projects, to use statistical software to analyze data, and to interpret statistical results. Students will learn to write a research report that conforms to the publication specifications of the American Psychological Association and will become familiar with the ethical issues related to the use of human subjects. Prerequisites: SW / PY230 Behavioral Statistics and junior class standing.

PY 305 History and Systems of Psychology (3)
A review of major historical and theoretical perspectives in psychology. Important figures in the history of psychology as a science and as a profession will be considered. Prerequisite: PY110

PY 315 Theories of Personality (3)
A comparative study of classical and recent theories of normal personality structures and development with an examination of the supporting research. Prerequisite: PY290 (not open to freshmen).
PY345 Addictive-Compulsive Behavior (3)
This course will examine a wide variety of addictions such as: drugs, work, food, gambling, and video gaming. It will investigate the addictive processes upon the brain, personality, mood, and motivation. A strong focus will be on addiction's disruption of family interactions, occupational life, and other social complications. Prerequisite: PY110

PY420 Industrial / Organizational Psychology (3)
This course is designed to examine the practices of industrial / organizational psychology. These include but are not limited to personal practices, performance assessment, job and workplace design, job satisfaction, behavior within organizations, systems of management, and safety in the workplace. Prerequisites: PY110 or BA140 and class standing of sophomore or higher.

PY 430 Memory and Cognition (3)
The course explores the information processing approach to memory and thinking. Topics include memory processes, concept formation, and reasoning. Prerequisites: PY110 and junior/senior standing.

PY 450 Neuroscience (3)
An examination of the biological and physiological basis of behavior and development with special emphasis on the neural substrates. Offered in alternate years. Prerequisites: PY110, 4 hours of Natural Science and junior/senior standing.

PY 195, 395 Special Topics (3)
Advanced topics of a specific and narrow, but timely, nature and involving a faculty member's area of expertise selected for examination and discussion. Offered on demand. May be repeated. Prerequisite: PY110

PY 497 Field Experience (1-6)
Students will apply the skills and knowledge they have learned as a psychology major in a company or agency in the community. This opportunity is typically available to students who are interested in mental health, but other work settings will be considered. Students may be required to investigate possible field experience locations. Initial eligibility for the field experience will be based on the student's completion of relevant coursework, GPA, and a recommendation from a faculty member. Final eligibility will be determined by the participating agency. Field placements are not always available. Students who are interested in a field experience should speak with a psychology professor 3 months prior to the semester in which they wish to enroll. Offered by request. (Graded Pass/Fail) Prerequisites: 15 hours of psychology (or related) classes and junior or senior standing at time of enrollment.

PY 498 Senior Seminar (3)
The primary component of this class is the completion of a research project designed by the student. Students are expected to have a proposal for their research project before the first day of class. Students who did not complete a research design in a previous course must contact the professor before enrolling in the course. Students will collect and analyze their data and then write a report that meets the publication specifications of the American Psychological Association. The second significant component of the course is the completion of psychology-related service learning project chosen by the student. In preparation for graduation from Defiance College, students will research career options and graduate school programs. Prerequisites: PY230, PY302 and junior/senior standing

PY 499 Advanced Independent Research (1-4)
The student will design and conduct an independent research project. This will include a literature review, the development of a research design, data collection and analysis, and the preparation of a report that meets the publication specifications of the American Psychological Association. Prior to enrolling in the course, the student must obtain a faculty advisor for the research project. Offered by request and may be repeated. Prerequisites: PY 230 and PY302

RELIGIOUS STUDIES AND MINISTRY STUDIES (RL)
RL 122 Foundations of Christian Religious Education (3)
A foundational survey of biblical, theological, psychological, sociological, legal and historical elements of Christian religious education. Students will learn to inter-relate and apply these foundational elements in practical settings, and develop a statement setting forth their philosophy of Christian religious education. Offered in alternate years.

RL 175 Beyond Volunteerism (3)
A critical issue for any organization, secular or religious, is that of involving volunteers. Theoretical and practical elements essential to effective involvement of volunteers will be explored. Central to the study will be foci on the development of Vision/Mission clarity, good organizational practice/process, and review of training models from a cross section of disciplines.

RL 198 Seminar in Religious Studies (1/2)
Offered especially for students majoring and minoring in religious studies or Ministry Studies, the seminar is open to all students interested in engaging in dialogue and exploration of religious topics and issues in a less formal class setting. Topics encourage the exploration of personal faith and its implications. Conversations promote ecumenical understanding and shared reflection for students and faculty alike. This course may be taken up to six semesters for a maximum of three credit hours. Prerequisite: major or minor status or permission of instructor required

RL 201 Approaches to Religion (3)
A study of the nature of religious ideas, values, and experiences focusing on Hinduism, Buddhism, Confucianism, Taoism, Judaism, Christianity, and Islam. Insights about religion gained from psychology, anthropology, and philosophy will also be examined. Prerequisites: AH110, AH120 or permission of instructor
RL 210 Spirituality and Wholeness (3)
In a 21st Century world that seems to demand that everyone do more and more at a faster and faster pace, this course explores approaches to spiritual wholeness for lives that often feel fragmented and overloaded. Students explore topics such as: spiritual and physical disciplines of meditation and prayer; holistic moral decision making; natural and religious dimensions of healing; community integrity through service to others; and an evaluation of religious beliefs about diet and exercise. Prerequisites: AH110, AH120 or permission of the instructor

RL 211 Introducing the Old Testament: Chaos, Calamity and Covenant (3)
Through the rich literature of the Hebrew Bible and the history of ancient Israel, students will be introduced to some of the foundational beliefs, values, and practices of Western cultural heritage. The course acquaints students with critical literary and historical methods of understanding the Bible in its context as well as its meaning for people of faith today. Prerequisites: AH110, AH120 or permission of the instructor

RL 212 Introducing the New Testament: Teachings of Jesus and the Early Church (3)
Through the Gospels, the letters of Paul, and other New Testament writings students will explore the world of Jesus and his compelling message. The course introduces critical methods for understanding the distinctive themes of the Gospels and invites possible ways for people of faith today to grasp the meaning of Jesus' message and ministry. Prerequisites: AH110, AH 120 or permission of instructor

RL 250 Program Development and Resource Theory (3)
This course examines curriculum theory and practice from philosophical, theological, historical, and methodological perspectives. The course equips students with tools and techniques to observe and evaluate curricula, and to assess learning environments (including the reality of implicit and null curricula), and how those learning environments interact with written curricula. Students are required to apply concepts from this course in constructing programs for use within local church or church-related settings that include appropriate evaluation tools. Offered in alternate years. This course does not meet the 200 level religion general education requirements.

RL 265 The Black Church in America
This course examines the historical role of the Black Church from antebellum slavery to the present day. Consideration is given to the history of Black religious denominations and their contribution to the uplift of the Black race. This course also examines the ecology of the Black Church, the spiritualities of the Black Church, and the social witness of the Black Church. Prominent leaders whose roots lie in the Black Church are discussed. Finally, consideration is given to the various models that find expression in the Black Church: 1) Assimilation Model; 2) Isolation Model; 3) Compensatory Model; and 4) Ethnic-Community Prophetic Model. Offered in alternate years. Prerequisites: AH110, AH120 or permission of the instructor

RL 267 Islam (3)
A survey of Islam including its early religious history, and beliefs and practices; contemporary socio-cultural issues in the Islamic world; and major schools of thought and Islamic art, literature, and spirituality. Offered in alternate years. Prerequisites: AH110, AH120 or permission of the instructor

RL 310 Mediation and Conciliation (3)
Mediation and Conciliation focuses on the third party role of the mediator. The class explores the theories and practices of mediation and conciliation in the North American context. The class will develop the skills needed for mediation in formal and informal settings. Students will spend the first part of the semester learning theory and the development of basic skills. The second part of the class will be spent in mediation role plays.

RL 321 Ethics and Morals (3)
A survey of philosophical and theological resources available for the consideration of ethical questions, combined with case studies drawn from current moral issues and dilemmas. Students can focus on ethical issues in their major fields in the context of a research assignment. Prerequisites: AH110, AH120, AH220 or permission of the instructor

RL 353 Leadership and Group Work Theory (3)
Through a balance of research techniques and experiential approaches, students gain social-psychological and theological understanding of leadership styles and their effects as well as group processes. Skills are developed in identifying, diagnosing, and acting upon group and individual needs in varied situations including intra- and inter-group conflict. Students are introduced to the Meyers-Briggs Type Indicator as a tool for their leadership development. Project may include exercises with groups, including the use of videotaped recordings and receiving and giving feedback, and creation of professional and personal leadership development plans. Excellent elective for students already in campus or community leadership roles as well as those in majors that lead toward work environments requiring participation and coordination of teams or working groups such as health and wellness. Offered in alternate years. Prerequisites: AH110, AH120, AH220 or permission of the instructor

RL 356 Forming One's Faith (3)
A study of the nature of religious faith from a Christian perspective. Components of the course include: readings in Christian theology; study of great religious leaders; and an investigation of specific religious issues chosen by the student. Designed for junior and senior students with a major or minor in religion. Offered in alternate years. Prerequisites: AH110, AH120, AH220, RL211 and RL212 or RL360, or with permission of the instructor.
RL 360 Women and Men through the History of Christianity (3)
Important themes in the history of Christian faith and practice are traced from Jesus and the early church to the 21st century. Students will explore lives of outstanding women and men who have made significant contributions to Christian life. Particular attention will be given to the shifting leadership roles of women and men in church history. Offered in alternate years. Prerequisites: AH110, AH120, AH220 or permission of the instructor

RL 380 Theories and Methods in the Study of Religion (3)
The course will introduce the theories and methods used in the academic study of religion, it will consider representative theories divided along ideological and/or disciplinary lines, and will train students in the skills necessary for conducting primary research. Case studies will rotate and include the Abrahamic Traditions and Religions of the East. Offered in alternate springs. Course may be repeated once, if topic is different from that completed. Prerequisite: AH110, AH120, AH220, and RL201 or permission of instructor

RL 395 Special Topics (3)
At least one course will be offered in alternate years in order to meet the interests of students on timely issues about religious studies. Course titles may include:
- American Religious Experience
- Christian Ethics
- Death and Dying
- Homiletics
- Issues of Justice and Peace
- Principles of Biblical Interpretation
- Women and Religion

RL 397 Field Experience (3+3)
A junior-level field placement for students majoring in Christian education. (Graded Pass/Fail)

RL 475 Administrative Policies and Practices (3)
Thoughtful leadership, teaching skills, printed resources, adequate finances and institutional relationships are critical to the success of any educational program. In this course students will be introduced to issues in leadership theory, motivation, human resources, planning and budgeting, institutional structures, and institutional relationships. Students will develop their own theoretical approach to each of these issues through reading, class discussion, written reflection, and field-based practical application. Open to junior and senior level students. Recommended that Ministry Studies majors take the course with junior or senior level field work. Offered in alternate years.

RL 497 Field Experience (3+3)
A senior-level field placement for students majoring in Ministry Studies or Religious Studies and will complete their capstone as part of this sequence. (Graded Pass/Fail)

RL 499 Senior Capstone (3)
Religious Studies majors choose an independent project related to their coursework in the major. The capstone integrates the students' learning in religious studies and/or related disciplines with practical experience or with specialized research. A presentation of the results of student work is required and a component of community service is strongly encouraged.

SOCIOLOGY (SO)
SO 120 Life in Society (3)
Designed as an introductory course in the social sciences for the general student, as well as, preparing social science majors for advanced work in their respective majors, this course content will examine the diversity of human societies by understanding the nature of culture and its impact on social life. Variation in the structure and dynamics of organizations, communities, and societies will also be addressed in the course. Additionally, major theoretical perspectives from the social science disciplines will be introduced, as well as, substantial attention given to issues of globalization and cross-cultural comparisons.

SO 496 Readings
Through a readings program, students may explore the literature of a specific field in preparation for a later independent research project, can fill a void in their background, or can read the literature of a subject for its own value. In all cases, the program is directed toward some specific goal or purpose. The student is expected to submit application through a faculty supervisor.

SOCIAL WORK (SW)
SW 121 Introduction to Social Work (3)
An introduction to the understanding of the concept of the social work profession, its significance in society, its history, and its place among the helping professions. The study of the goals, values, knowledge base, methods, and settings of social work. The beginning of the professionalization process.

SW 230 Behavioral Statistics (3)
Quantitative analysis of behavioral measures including descriptive, correlational, and inferential methods. Report writing in the behavioral sciences is additionally emphasized. Knowledge of basic algebra is recommended.

SW 235 Social Problems (3)
The purpose of this course is to facilitate increased awareness and understanding of social problems in the United States and throughout the world. Sociological theories, research and movements will be addressed in recognizing social problems and generating possible strategies for action. Problems of well-being, human diversity, inequality and modernization will be examined. The course will encourage value clarification and critical thinking in resolving current social problems. Prerequisites: SO120 and PY110
SW 239 Marriage and Family Life (3)
An exploration of American family life from its historical structure and functions to variations in contemporary society. Issues of gender rules, parenting, communication, sexuality and economics as impacting family functioning are discussed along with the effects of domestic violence, divorce and separation, remarriage and blended families.

SW 265 Cultural Diversity (3)
The goal of the course is to expand one's knowledge and understanding of living, working and relating in a culturally diverse society. Diversity will be examined on local, national and global fronts including the forms and mechanisms of oppression and discrimination as well as strategies for change that advance social and economic justice. Issues such as ethnicity, race, religion, gender, sexual orientation, age, mental/physic ability, and social class will be explored.

SW 278 Interviewing and Interpersonal Communication (3)
This course examines the basic principles of oral communication and their application to social work practice. The principal techniques of interviewing individuals, couples, and families are explored. This is a laboratory based course with many opportunities for skill development. Prerequisites: SW121, SO120, SW239, and PY110

SW 301 Research Methods (3)
An introduction to the principles and methods of organizing, conducting and interpreting behavioral, and social research. Examination of survey, experimental, single case design, evaluation, and observational techniques as well as issues of measurement are addressed. Prerequisite: PY/SW230 is recommended

SW 340 Health Care Issues (3)
An exploration of the roles and interactions of health care professionals with an emphasis on medical social work. The course will also focus upon holistic health and alternative treatments.

SW 355 Practice I: Generalist Practice (3)
An introduction to the generalist model of social work and its application. The course presents the generalist Intervention Model and the planned change process as a framework for addressing client issues and problems. Emphasis will be on micro skills as a foundation for mezzo and macro skill development. Prerequisites: Social Work Major, SW121, SW278, and the professional sequence courses.

SW 356 Practice II: Groups and Family Generalist Practice (3)
An introduction to the understanding of group and family dynamics, group process and group treatment, and their relationship to the planned change process. Emphasis will be the development, management and utilization of groups by generalist social workers. Prerequisites: Social Work Major and SW355

SW 379 Applied Behavioral Science (3)
The purpose of this course is to integrate the required courses in the human behavior and social environment sequence. The emphasis will be on enabling the student to see the impact of the client's growth, development, and present environment on social functioning. This course will add understanding of life cycles, social systems, what constitutes healthy functioning, planned change, and theories of treatment. Prerequisite: professional sequence courses or permission of instructor

SW 457 Social Work Practice III – Macro Systems Generalist Practice (3)
The course is to provide a generalist perspective to working within the macro context of Social Work. Frameworks for planning and implementing change in organizations and communities will be discussed. Coursework will offer an emphasis on macro-level skills, with integration of micro and mezzo practice. Prerequisites: SW355, SW 356, and admission to Social Work Major.

SW 476 Social Welfare and Policy Development (3)
An examination of the programs and policies of the social welfare system in the United States. It will explore the historical roots and developments of present-day programs and policy, as well as methods and models of policy formation and analysis. Prerequisites: SW121, 235, 301 or permission of instructor

SW 488 Senior Seminar (3)
Senior Capstone Experience. Emphasis is given to integration of all previous course content in social work with concurrent field instruction. Requires regular reporting of field activities and assists students in achieving learning objectives of the field practicum. Consideration is given to the application of social work theory, policy, research and values to the field. To be taken concurrently with SW486. Prerequisites: SW355, SW356, SW379 and SW397 or permission of the instructor

SW 199, 299, 399, 499
Independent Research may be taken in social work. See descriptions of these courses under the Criminal Justice section.

SW 397 Junior Field Experience (3)
The course serves as the first required level of field placement. The student is placed for 10 hours per week, or a total of 140 hours within a social work setting. The student begins to utilize social work knowledge, values, and skills through observation and participation in supervised activities of the assigned agency. To be taken concurrently with SW355. (Graded Pass/Fail) Prerequisite: admission to Social Work Major

SW 486 Senior Field Instruction (9)
Senior Capstone Experience. An experiential learning opportunity geared toward integration of academic content with practice skills. The student is placed for 30 hours per week or a total of 450 hours. The student begins to work independently as a generalist social worker under supervision within an agency setting. This is a graded course. To be taken concurrently with SW 488. Prerequisites: SW397 and Senior Social Work Major status
SPORT MANAGEMENT (SM)

SM 130 Introduction to Sport Management (3)
The course is designed for the individual interested in pursuing
a career in the sport management field and introduces the
theoretical foundations and applied areas of sports management.
Offered each fall.

SM 197 Field Experience (1)
The experience is designed to introduce students to a professional
area before enrolling in upper-level professional courses. This is
a basic exposure to a particular sport management environment
through observation and limited participation. This experience
will provide an understanding of how this segment of sport
management fits into the entire field of sport management.
Students must make arrangements with a faculty supervisor prior
to enrolling. (Graded Pass/Fail) Prerequisite: SM130

SM 220 Economics of Sport (3)
This course will provide students with an opportunity to apply
principles of economic theory to various aspects of the sport and
leisure fields. Additionally, students will analyze the relationship
between supply and demand for services related to sport and
leisure. Finally, students will examine the evolution of economic
factors in sport to include: professional specialization in sport,
gender issues in sport, and the evaluation of individual and team
performance in sport settings. Prerequisite: AC221 (can be taken
concurrently).

SM 230 Event and Facility Management (3)
This course will focus on providing an understanding of the steps
and guidelines that are necessary to successfully manage various
sporting events. In addition to gaining a basic understanding
of necessary sport event management skills, fundamental
promotional principles used in marketing sport and event services
and products will be taught as well as designing, planning,
managing public and private sport and other public assembly
facilities.

SM 270 History of Sports in the United States (3)
This course will examine the development and modernization
of sports in the United States from colonial times to the present
and the socio-cultural factors which have affected their growth.
Offered in alternate years.

SM 297 Field Experience (2)
A field experience affords students an opportunity to engage in
non-classroom learning under the supervision of a qualified
person. The emersion is designed to further introduce students
to a professional area of sport management and to enable
students who have completed some professional courses to apply
the principles and techniques acquired to a practical situation.
Students will be expected to analyze critically this environment
and to evaluate the experience in light of their course work and
career plans. Students must make arrangements with a faculty
supervisor prior to enrolling. (Graded Pass/Fail) Prerequisite: SM
197

SM 320 Sociology of Sport (3)
This course serves as an overview of contemporary sport from
a sociological perspective. Topics will include the discussion of
the relationship of sport to social institutions, the individual's
socialization into sport, and stratification factors within sports.
Offered in alternate years.

SM 340 Sport Law (3)
The purpose of this course is to provide the student with an
understanding of the legal issues involved in the supervision,
management, and business operations of sport. Such as contracts,
negligence liability, product liability, and risk management.
Prerequisites: SM130 and SM230

SM 391 Internship (3)
An internship is cooperatively supervised by a college faculty
member and a qualified person in the field where the student is
working. It provides an on-the-job learning experience related to
the field of sport management. Students must make arrangements
with a faculty supervisor prior to enrolling. (Graded Pass/Fail)
Prerequisite: SM297 and a 2.5 GPA

SM 491 Internship (6-9)
This Senior Capstone is an on-the-job learning experience related
to the field of sport management which provides an experiential
learning opportunity geared toward fully integrating academic
content with practical skills. It is cooperatively supervised by a
college faculty member and a qualified person in the field where
the student is working. This internship will culminate with a
successful oral presentation to the faculty and students of the
Exercise Science Department. Students must make arrangements
with a faculty supervisor prior to enrolling. (Graded Pass/Fail)
Prerequisite SM297, SM391 and Senior Standing with a 2.5 GPA

SM 397 Field Experience
Field experience affords students an opportunity to engage in
non-classroom learning under the supervision of a qualified
person. The program is designed to introduce students to a
professional area before enrolling in professional courses and to
enable the student who has completed some professional courses
to apply the principles and techniques acquired to a practical
situation. Students are expected to analyze critically the situation
and to evaluate the experience in light of their course work and
career plans. Students must make arrangements with a faculty
supervisor prior to enrolling. (Graded Pass/Fail)
WELLNESS AND CORPORATE FITNESS

(WE)

WE 390 Introduction to Wellness Program Implementation (3)
This course is designed to cover the background and current practices and procedures for the implementation of wellness programs in hospital, industrial, clinical, educational, and collegiate settings. Offered in alternate years.

WE 490 Advanced Wellness Program Implementation (3)
An in-depth look at current practices and procedures for the implementation of wellness programs in hospital, industrial, clinical, educational, and collegiate settings. Community assignments will be made, as well as hypothetical situations that will be addressed in class. A culmination of programming and management techniques will be implemented. A field-service component is part of the course requirement. Offered in alternate years. Open only to junior or senior health, physical education and wellness and corporate fitness majors. Prerequisite: WE 390 or permission of the instructor.

WE 491 Internship
An on-the-job learning experience related to the field of study. An internship is cooperatively supervised by a College faculty member and a qualified person in the field where the student is working. Each internship will culminate with a successful oral presentation (capstone experience) to the faculty of the Exercise Science Department. (Graded Pass/Fail)

WE 397 Field Experience
Field experience affords students an opportunity to engage in non-classroom learning under the supervision of a qualified person. The program is designed to introduce students to a professional area before enrolling in professional courses and to enable the students who have completed some professional courses to apply the principles and techniques acquired to practical situations. Students are expected to analyze critically the situation and to evaluate the experience in light of their course work and career plans. Students must make arrangements with a faculty supervisor prior to enrolling. (Graded Pass/Fail)
**OFFICE OF THE PRESIDENT**

Mark C. Gordon, President (2009) – Columbia College, B.A.; Columbia University School of International Affairs, M.A.; Harvard Law School, J.D.

Judith Lymanstall, Executive Administrative Assistant (2003)

**Human Resources**

Mary Burkholder, Director of Human Resources (2005) – Defiance College, A.A.; B.A.

Lori Shafer, Mail and Copy Services Coordinator (2002) – Defiance College, B.A.

Cindy Shong, Receptionist Clerk (2009)

**McMaster School for Advancing Humanity**

Mary Ann Studer, Dean of the McMaster School for Advancing Humanity; Director of the Carolyn M. Small Honors Program; (1999) – University of Toledo, B.S.; University of North Dakota, M.S.

Ashton L. Judis, Director of the McMaster Service Leadership Program (2010) – Defiance College, B.A.

Jessica R. Myers, Secretary, McMaster School (2008) – Heidelberg College, B.A.

Rena K. Rager, Administrative Assistant, McMaster School (2010)

**Office of Academic Affairs**

Barbara R. Schirmer, Provost/VP for Academic Affairs (2011) – University at Buffalo, State University of New York, B.S.; University of Pittsburgh, M.Ed.; University at Buffalo, State University of New York, Ed.D.

Sara Beth Brown, Administrative Assistant for Education Division (2009) – Defiance College, B.S.

Valda L. Colbart, Administrative Assistant, Academic Affairs/Human Resources (2011) – Northwest State Community College, A.A.B.

Diane L. Coleman, Coordinator of NCATE and Clinical Experience (2000) – Michigan State University, B.A.; M.A.


Carolyn M. Gilgenbach, Faculty Secretary for Arts and Humanities (1995)

Julie A. Juillard, Administrative Assistant for Business and Allied Health/Science and Mathematics (2009) – Northwest State Community College, A.A.B.

Lucinda M. Knight, Faculty Secretary for Behavioral and Applied Social Science (1997)

Donald S. Knuve, Associate Provost for Instructional Excellence (1978) – St. Joseph’s College, B.S.; B.A.; Xavier University, M.S.; Bowling Green State University, Ph.D.


Ian D. MacGregor, Head of Teacher Education (2011) – Colgate University, B.A.; Indiana University, M.A.


Patrick Sullivan, Academic Support Coordinator/Assistant Men’s Basketball Coach (2011) – Denison University, B.A.; Defiance College, M.Ed.

**Center for Adult and Graduate Studies**

Sally B. Bissell, Director of Center for Adult Programs (1995) – Defiance College, B.S.; University of Toledo, M.Ed.

Michelle Call, Office Coordinator for Adult and Graduate Programs (2004)

Sandra Golden, Associate Provost for Graduate Studies and Professional Development; Master of Arts in Education Program Director; Associate Professor of Education (2007) – Cuyahoga Community College, A.A.B.; Dyke College, B.S.; Cleveland State University, M.Ed.; M.A.; Kent State University, Ph.D.

Catherine A. Mikula, Assistant Director of Center for Adult Programs (2006) – Defiance College, B.A.

Michael N. Wolfe, Master of Business Administration Program Director; Assistant Professor of Business Administration (2008) – Heidelberg College, B.S.; Defiance College, M.B.O.L.; Case Western Reserve, D.M.

**Office of the Registrar**

Mariah V. Orzolek, Registrar (2005) – Defiance College, B.A.; Bowling Green State University, M.A.

Alyce M. Caulder, Assistant Registrar (2005) – Defiance College, A.A.

Carrie E. Relyea, Registration Associate (2007)

**Library and Information Services**

Lisa Crumit-Hancock, Learning Commons Manager (2011) – Defiance College, B.A.; Bowling Green State University, M.A.

Amanda DeArmond, Instruction Librarian (2010) – Bethel College, B.A.; Indiana University, M.L.S.

Collette E. Knight, Circulation Coordinator (2007) – Defiance College, B.S.

Barbara J. Sedlock, Metadata and Archives Librarian (1982) – Hiram College, B.A.; University of Kentucky, M.L.S.

Matthew Slawinski, Audio Visual Coordinator (2003) – Bowling Green State University, B.A.

Jeannie Von Deylen, Library Services Coordinator (2003) – Defiance College, A.A.; B.A.; M.B.A.
OFFICE OF STUDENT AFFAIRS

STUDENT LIFE

Kenneth A. Wetstein, Vice President for Student Engagement and Dean of Students (2006) – Eastern Illinois University, B.A.; M.Ed.; University of Missouri-St. Louis, Ph.D.

Tracy Armey, Career Development Specialist (2002) – Northwest State Community College, A.A.

Janice L. Bechtel, Director of Church Relations/Campus Chaplain/Art Gallery Coordinator (1986) – Bowling Green State University, B.F.A.; Earlham School of Religion, M.Div.

Lynn A. Braun, Director of Counseling Services (2012) – West Virginia Wesleyan College, B.A.; Ball State University, M.A.

Jodi Bostelman, Administrative Assistant, Office of Student Life (2009) – Trine University, B.F.A.

Mercedes Clay, Director of Intercultural Relations (2003) – Ashland University, B.A.; Defiance College, M.B.O.L.; M.B.A.

Antonio Gonzales, Head Wrestling Coach (2011) – Heidelberg University, B.S.

Kimberly M. Lammers, Director of Residence Life (2010) – Baldwin Wallace College, B.A.; Defiance College, M.B.A.

Lisa M. Marsalek – Assistant Dean of Students and Director of Career Development (2007) – Ohio State University, B.S.; M.A./M.L.H.R.

Grant A. Phillips, Employer Relations Coordinator (2010) – Defiance College, B.A.

Andrew Schultz, Director of Music Programs (2009) – Ohio Northern University, B.S.B.A. and B.M.; Bowling Green State University, M.B.A. and M.M.

Brian Starkel, Director of Student Activities (2010) – Ball State University, B.A.; Bowling Green State University, M.A.

Judith Thrasher, Director of Health and Wellness Services (2010) – Northwest State Community College, A.A.S.; Defiance College, B.S.N.

ATHLETICS

Jenni Morrison, Athletic Director (2007) – California University of PA, B.S.; M.S.B.A.

Jason Allen, Head Women’s Lacrosse Coach (2011) – Volunteer State Community College, A.S.; Tennessee Technological University, B.S.

Brie E. Brenner, Head Volleyball Coach (2012)

Kyle Brunett, Head Men’s Basketball Coach/Assistant Athletic Director (2008) – Hanover College, B.A.; Indiana State University, M.A.


Jessica Cox, Head Women’s Basketball Coach (2012) – University of Dubuque, B.S.

Bryan L. Driskell, Assistant Football Coach (2012) – Salisbury University, B.A.

John Hartpence, Head Cross Country/Track and Field Coach (2007) – Cortland College, B.S.; University of Montana, M.S.

Jodie Holava, Head Softball Coach (2005) – Mount Union College, B.S. 2001; Cleveland State University, M.Ed.

Jeffrey P. Judge, Assistant Football Coach/Defensive Coordinator (2012) – Iowa State University, B.S.; Purdue University, M.S.

Ryan Kuhn, Head Men’s Lacrosse Coach (2012) – Manhattanville College, B.A.

D. Craig McCord, Assistant Football Coach (2004) – Ashland College, B.S.; Bowling Green State University, M.Ed.

Seth A. E. Mikel, Assistant Athletic Director for Sports Information (2006) – Indiana Wesleyan University, B.S.; Gardner-Webb University, M.A.

Athena J. Miller, Head Men’s and Women’s Swimming and Diving Coach (2012) – University of Mount Union, B.A.

Frederick J. Moore, Head Men’s Golf Coach (2007)

Stephen A. Oberlin, Athletic Department Custodial Supervisor/Head Men’s and Women’s Tennis Coach (2007)


Craig Rutter, Head Women’s Golf Coach/Student Athlete Engagement Coordinator (1983) – Bowling Green State University, B.S.; M.Ed.


Patrick Sullivan, Academic Support Coordinator/Assistant Men’s Basketball Coach (2011) – Denison University, B.A.; Defiance College, M.Ed.

Kevin Tong, Head Athletic Trainer (1997) – Ohio University, B.S.; Wagner College, M.S.Ed.

Michelle Trubey, Administrative Assistant, Athletics (2007)

Alex Van der Suijs, Head Men’s and Women’s Soccer Coach (2010) – Wilmington College, B.S.; Defiance College, M.Ed.

Kathleen Westfall, Assistant Athletic Trainer (2002) – Ohio University, B.S.; University of Pittsburgh, M.S.

Derek Woodley, Head Baseball Coach/Field House Manager (2007) – Bethany Lutheran College, A.A.; Minnesota State University-Mankato, B.S.
**Directory**

**ENROLLMENT MANAGEMENT**
Michael Suzo, Vice President for Enrollment Management (2006) – Kent State University, B.A.; Bethel Theological Seminary, M.Div.

Alex A. Bonilla, Admissions Counselor/Multicultural Recruitment Coordinator (2011) – Defiance College, B.A.

Brenda L. Delarber, Admissions Counselor (2012) – Defiance College, B.A.; M.B.A.

Brad M. Harsha, Director of Admissions (1999) – Defiance College, B.S.; M.B.O.L.

Laura Hartpence, Admissions Counselor (2012) – Denison University, B.S.; Slippery Rock University of Pennsylvania, M.S.

Kary A. Kankey, Regional Admissions Representative (2011) – University of Dayton, B.S.; Bowling Green State University, M.Ed

Joyce Nelson, Admissions Office Coordinator (2000)

Jennifer L. Stark, Assistant Director of Admissions (1998) – Bowling Green State University, B.A.; Defiance College, M.Ed.

Debra A. Stevens, Associate Director of Admissions (1985) – Defiance College, A.A.

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**FINANCE AND MANAGEMENT**
Lois N. McCullough, CPA, Vice President for Finance and Management (1996) – Defiance College, B.S., M.B.O.L.

Kristine M. Boland, Director of Accounting (2000) – University of Toledo, B.S.

Kristina R. Mohring, Director of Student Accounts (2009) – Wilmington College, B.A.; Defiance College, M.Ed.

Dionna L. Prchlik, Bursar (2006) – University of Toledo, B.A.

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Kerry L. Rosebrook, Accounting Clerk (2011) – Northwest State Community College, A.A.B.

Lindsey C. Stehulak, Accounting Assistant (2010) – Defiance College, B.A.

**Physicial Plant**

David R. Ciccotelli, Maintenance Technician (2010)


Thomas R. Derr, Groundskeeper (2009)


Julie M. Godfrey, Groundskeeper (2006)

Brent Greer, Maintenance Technician (2012)

Carson Kosier, Maintenance Technician (2002)

Anita Lloyd, Secretary, Physical Plant (2006)

Stephen A. Oberlin, Athletic Department Custodial Supervisor/Head Men's and Women's Tennis Coach (2007)

Phillip J. Stelzer, Maintenance Technician (2011)

Tom L. Stevens, Maintenance Technician (1989)


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Wendy Pestrue, Vice President for Institutional Advancement (2012) – University of Houston, B.S.; Capital University Law School, J.D.

Sue Dumire, Advancement Services Administrative Assistant (2002)

Sheri J. McCoy, Advancement Services Coordinator (1993)


Lorie S. Rath, Advancement Services Administrative Assistant (2006)

Lora A. Ripke, Alumni Network Coordinator (2009)

Cynthia M. Shaffer, Director of Planned Giving (1998) – Lansing Community College, A.A.; Defiance College, B.A.; M.B.O.L

Michele Tinker, Director of Annual Giving (2004) – Ohio University, B.S.

**Marketing and Communication**
Kathleen M. Punches, Director of Public Relations And Marketing (1995) – Defiance College, B.S.; University of Toledo, M.L.S.

Stefanie Brunett, Facilities & Events Coordinator (2011) – University of Southern Indiana, A.S.; Indiana University-Purdue University Indianapolis, B.A.


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EMERITI ADMINISTRATION
Marvin J. Ludwig, President Emeritus (1975-1994)
Raymond J. Derriotte, Controller Emeritus (1960-1995)
Beverly Harrington, Registrar Emeritus (1970-2010)

EMERITI FACULTY
Garnett M. Smith, M.S. (1963-1987), Business Education
Maxie J. Lambright, J.L.S. (1967-1989), Education
Bernard Mikula, Ph.D. (1960-1989), Biology
Richard Small, M.Ed. (1954-1989), Physical Education
Randall L. Buchman, M.A. (1964-1995), History
Carolyn M. Smal, B.S. (1964-1995), Music
Harry G. Miller, Ph.D. (1963-1997), Physics
Richard W. Thiede, Ph.D. (1978-1997), Communication
Duane C. Hocking, M.A. (1969-2002), Sport Science
Margaret Noble Mikula, Ph.D. (1971-2003), English
James A. Bray, M.A. (1967-2004), Education
Charles S. Hobgood, M.S.W. (1974-2006), Social Work
Michael T. Soper, Ph.D. (1986-2006), History
David L. Reed, M.A. (1987-2007), Natural Sciences
Kenneth E. Christiansen, Ph.D. (1970-2008), Religion
Frank Sanders, M.S.W. (1980-2008), Psychology
William A. O’Toole, C.M.A. (1977-2009), Business
Steven J. Smith, M.F.A. (1981-2011), Art

FACULTY
Kenneth Adair, Assistant Professor of Chemistry (2007) – Ohio Wesleyan University, B.A.; University of Oregon, M.S., Ph.D.
Wayne D. Buchanan, Professor of Business Administration (2001) – National University, B.B.A.; Central Michigan University, M.S.; Capella University, Ph.D.
Donald H. Buerk, Associate Professor of History (2002) – Bowling Green State University, B.S.; M.A.; University of Toledo, Ph.D.
Jo Ann Burkhardt, Associate Professor of Education (2002) – Bowling Green State University, B.S.; M.A.; University of Toledo, Ph.D.
Todd A. Comer, Associate Professor of English (2005)
– Taylor University, B.A.; Michigan State University, M.A.; Ph.D.
Lisa M. Condon, Assistant Professor of Nursing (2010)
– Bowling Green State University, B.S.N.; Medical College of Ohio, M.S.N.
Fred Coulter, Associate Professor of Education (2002) – University of Rhode Island, B.A.; Andover Newton Theological School, M.Div.; University of Tennessee, Ph.D.
Deborah E. Dalke, Professor of Psychology (1997)
– University of California, B.A.; Pennsylvania State University, M.S.; Ph.D.

Amy K. Drees, Assistant Professor of Arts and Humanities (2000) – Case Western Reserve University, B.A.; M.A.
Somnath Dutta, Associate Professor of Chemistry (2005) – University of Calcutta, India, B.S.; M.S.; State University of New York at Binghamton, Ph.D.
Douglas Fiely, Assistant Professor of Art (2002)
– Bowling Green State University, B.A.; M.A.
Joshua C. Francis, Assistant Professor of Education (2009) – Defiance College, B.A.; B.S.; M.A.
Sandra Golden, Associate Professor of Education (2007) – Cuyahoga Community College, A.A.B.; Dyke College, B.S.; Cleveland State University, M. Ed., M.A.; Kent State University, Ph.D.
Nathan Griggs, Associate Professor of Biology (2004)
– Purdue University, B.S.; B.S.C.; Wright State University, Ph.D.
Gregg H. Gunsch, Professor of Digital Forensic Science (2006) Bismarck Junior College, A.A.; University of North Dakota, B.S.E.E.; Air Force Institute of Technology, M.S.E.E.; University of Illinois at Urbana, Ph.D.
Mary Catherine Harper, Professor of English (1999)
– Montana State University, B.A.; Bowling Green State University, Ph.D.
Dean J. Johnson, Assistant Professor of Religious Studies (2008) – Manchester College, B.S.; Bethany Theology Seminary, M.Div.; University of Denver, Ph.D.
Douglas D. Kane, Associate Professor of Biology (2007)
– The Ohio State University, B.S.; M.S.; Ph.D.
Donald S. Knueve, Professor of Criminal Justice (1978)
– St. Joseph's College, B.S., B.A.; Xavier University, M.S.; Bowling Green State University, Ph.D.
Alyson J. Laframboise, Assistant Professor of Biology (2012) – Nipissing University, B.S.; University of Windsor, Ph.D.
Karen McCoy, Assistant Professor of Early Childhood Education (2012) – Ohio University, B.S., M.S.; The Pennsylvania State University, Ph.D.
Christopher A. Medjesky, Assistant Professor of Communication Arts (2012) – Westminster College, B.S.; Indiana State University, M.A.; Bowling Green State University, Ph.D.
Jay P. Page, Assistant Professor of Marketing (2010)
– Indiana State University, B.S.; M.B.A.; M.P.A.
Marian Plant, Associate Professor of Religious and Ministry Studies (2002) – Defiance College, B.A.; The Methodist Theological School in Ohio, M.Div.; Northern Illinois University, Ed.D.
Timothy E. Rickabaugh, Professor of Exercise Science (1997) – Ohio Wesleyan University, B.A.; Miami University, M.A.; Syracuse University, Ph.D.
Craig A. Rutter, Associate Professor of Exercise Science (1983) – Bowling Green State University, B.S.; M.Ed.
J. Richard Sealscott, Assistant Professor of Accounting  
(2009) Bowling Green State University, B.S.;  
University of Dayton, MBA

Barbara J. Sedlock, Associate Professor of Education  
(1982) – Hiram College, B.A.; University of  
Kentucky, M.L.S.

Blen Solomon, Assistant Professor of Economics (2009)  
– Lawrence University B.A.; Western Michigan  
University M.A.; Ph.D.

Steven J. Sondergaard, Professor of Criminal Justice  
Pfeiffer College, A.B.; University of Dayton, J.D.

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(2008) – Seattle University, B.A.; Saybrook  
Graduate School and Research Center, MA; Ph.D.

Jason M. Stockman, Assistant Professor of Art (2011)  
– Adrian College, B.F.A.; Edinboro University  
of Pennsylvania, M.F.A.

David Stuckey, Assistant Professor of Mathematics  
(2000) – Defiance College, B.S.; Miami  
University, M.A.

Jeremy Taylor, Assistant Professor of History (2012)  
University of Texas-Pan American, BA; University  
of Texas-Pan American, MA; University of Arkansas,  
Ph.D.

Kevin M. Tong, Assistant Professor of Exercise  
Science/Head Athletic Trainer (1997) – Ohio  
University, B.S.; Wagner College, M.S.Ed.

Jeffrey S. Weaner, Professor of Social Work and  
Sociology; Social Work Program Director (1977)  
– Defiance College, B.S.; West Virginia University,  
M.S.W.

Timothy D. Wedge, Assistant Professor of Practice of  
Digital Forensic Science (2011) – National University,  
B.S.; American Public University System, M.A.

Michael N. Wolfe, Assistant Professor of Business  
Administration (2008) – Heidelberg College, B.S.;  
Defiance College, M.B.O.L.; Case Western Reserve,  
D.M.

Cynthia J. Woodfield, Assistant Professor of Nursing  
Director of Nursing (2012) – Salve Regina University,  
B.S.N.; Wright State University, M.S.N.; The  
University of Dayton, M.S.; Duquesne University–  
Pittsburgh, D.N.P.

Alesia Yakos-Brown, Assistant Professor of Social  
Work (2002) – Defiance College, B.S.; Ohio  
State University, M.S.W.

Todd Yunker, Assistant Professor of Practice of Sport  
Management (2012) – Owens Community College,  
A.A.B.; Bowling Green State University, B.S.;  
Defiance College, M.Ed.
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13. Whitney Hall
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15. Justin F. Coressel Stadium
16. Alumni Football Field
17. Craig A. Rutter Field
18. St. John United Church of Christ
19. Karl H. Weaner Community Center
20. McMaster Center
21. E. Stevens Dix Tennis Facility
22. Football Practice Fields
23. Matthew Winsper Knobel Memorial Soccer Field
24. Soccer Practice Field
25. Sal Hench Softball Field
26. Maintenance Department
27. President’s Home
28. Parking
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