



UNDERGRADUATE CATALOGUE 2016 – 2018

ADDENDUM

Corrections and Updates as of: 02/2018

This addendum contains requirements, regulations, facts, and descriptions which are subject to change at any time. The University specifically reserves the right and authority to alter and amend any and all statements contained herein.

The educational policies and procedures are continually reviewed and changed in keeping with the educational mission of the University. Consequently, this document cannot be considered binding and is intended to be used only as an informational guide. Students are responsible for keeping informed of official policies and regulations and for meeting all appropriate requirements. Current information is available at the Office of Records and Registration and in other appropriate offices.

Accreditation and Recognition

Edinboro University of Pennsylvania is accredited by the Middle States Commission on Higher Education, 3624 Market Street, Philadelphia, Pa., 19104, 267-284-5000. The Middle States Commission on Higher Education is an institutional accrediting agency recognized by the U.S. Secretary of Education and the Council for Higher Education Accreditation.

Other University accreditations and program approvals include: the Master of Arts in Rehabilitation Counseling by the Council on Rehabilitation Education; the Master of Arts in Counseling: School Counseling-Elementary, School Counseling-Secondary, College Counseling, and Community Counseling, by the Council for Accreditation of Counseling and Related Educational Programs; the Master of Arts in Speech-Language Pathology by the Council on Academic Accreditation in Audiology and Speech-Language Pathology; the Bachelor of Science in Social Work and the Master of Social Work by the Council on Social Work Education; the Bachelor of Arts in Music, the Bachelor of Arts in Music (Teacher Certification), and Community Music School by the National Association of Schools of Music; and the Associate Degree in Business Administration and Baccalaureate Degree in Business Administration with concentrations in Accounting, Comprehensive Business Administration, Financial Services, and Marketing by the Accreditation Council for Business Schools and Programs. The Bachelor of Arts in Art History, Bachelor of Science in Art Education, Bachelor of Fine Arts in Applied Media Arts, Bachelor of Fine Arts in Studio Art, Master of Arts in Studio Art, and Master of Fine Arts in Studio Art are accredited by the National Association of Schools of Art and Design. The baccalaureate programs in nursing are accredited by the Commission on Collegiate Nursing Education and approved by the Pennsylvania State Board of Nursing. The Master of Science in Nursing/Family Nurse Practitioner joint program with Clarion University of Pennsylvania is accredited by the Accreditation Commission of Education in Nursing, formerly National League for Nursing and approved by the Pennsylvania State Board of Nursing. Teacher education and school personnel preparation programs are accredited by the National Council for Accreditation of Teacher Education and approved by the Pennsylvania Department of Education. Chapter 49 Middle Level Certificate 4-8 is approved by Pennsylvania Department of Education. The Ed.S. in School Psychology is approved by the National Association of School Psychologists. The Bachelor of Science in Computer Science - Theoretical Track, by the Accreditation Board for Engineering and Technology, Inc.; the Bachelor of Science in Chemistry is approved by the American Chemistry Society.

18 | General Information

Refund Policy

II. Other refunds (All semesters/sessions)

1. Room charges

Students officially totally withdrawing from the University may have refund adjustments posted to their accounts in accordance with the schedule below. Otherwise, the Housing Agreement cannot be broken by the student unless they have been formally released in writing by the University (Release fee of \$250 may apply; Refer to University Policy No. A058, Housing and Food Service Release.). The effective date of release from the residence hall will determine the refund percentage.

2. Food service charges

Students officially totally withdrawing from the University may have refund adjustments posted to their accounts in accordance with the schedule below. Otherwise, the Dining Services Agreement cannot be broken by the student unless they have been formally released in writing by the University. A refund of base meal fees (excluding flex and block plan balances) may be credited to the student's account upon approval of a release. The effective date of release from the agreement will determine the refund percentage.

Unless specified elsewhere in the refund policy, unused flex account balances for the fall semester will carry over to the spring semester for students who renew their Food Service Agreements with the University; At the end of the spring semester, flex balances \$5 and greater will be credited back to University student accounts; balances less than \$5 will be forfeited. These credits will be applied to outstanding student account balances. If no outstanding balance exists, the credit can be applied to future charges. Students separating from the University due to graduation, withdrawal, or other reasons, will receive a refund of any credit balance of \$5 or more.

Refund Period (% of Enrollment Period Completed)	Refund Percentage	Duration (Illustration of Estimated Weeks in Typical Semester)
0 - 8.50%	90%	Through "drop period" *
8.51 - 12.50%	80%	Through week 2 *
12.51 - 19.44%	60%	Through week 3 *
19.45 - 26.39%	50%	Through week 4 *
26.40 - 33.33%	40%	Through week 5 *
> 33.33%	0%	

28 | General Information

Program Highlights

- Five retail locations are operated on an *a la carte* basis and feature “meal cash credit” for students enrolled in any of the meal plans. If food selections are greater than the meal cash credit value, you may access your Flex Account or pay cash or credit to cover additional costs. Daily meal specials are offered to meet the meal cash credit value in order to provide a complete meal. The Marketplace will continue to be the “all-you-care-to-eat” location allowing students to select additional items without additional cost.
- Plans designed specifically for resident and off-campus students are available. Resident students must participate in one of the following meal plans: 19, 14, 10 meals per week or the 210 or 175 block plan. All meal plans come with \$300 Flex Dollars, \$25 Boro Bucks and 5 guest meals. Meals per week plans run from Monday breakfast through Sunday dinner. Block plans run per semester. Meal programs are not transferable.
- Off-Campus Students may also choose from all available meal programs: 19, 14 or 10 meals per week or the 210, 175, 105, 60 or 30 Block Plans. All of these plans come with \$300 Flex Dollars, \$25 Boro Bucks. Each of these plans, except the 30 Block, comes with 5 guest meals. In addition to the plans previously listed, commuter students may also open a Flex Only account. This account requires a minimum purchase of \$100. Students may choose to add up to an additional \$300 in Flex within the first two weeks of a new semester and still have it billed to their University Account.
- FLEX DOLLARS – This pre-paid account offers meal plan members the opportunity to make purchases above the meal cash credit. Participants in all the meal plans with Flex may add to their Flex Dollar accounts at any time with a minimum of \$25. Flex Dollars will carry over from fall to spring. At the end of the spring semester, flex balances \$5 and greater will be credited back to University student accounts; balances less than \$5 will be forfeited. These credits will be applied to outstanding student account balances. If no outstanding balance exists, the credit can be applied to future charges. Students separating from the University due to graduation, withdrawal, or other reasons, will receive a refund of any credit balance of \$5 or more.
- BORO BUCKS – Boro Bucks are a cash debit account to be used at various locations, both on and off-campus. Each meal plan comes with \$25 Boro Bucks but more can be added at anytime utilizing the GET App., or at the Bursar’s Office in Hamilton Hall and the ID Card Office in Van Houten Dining Hall. To see a list of participating vendors please log onto your MyEdinboro Account and select the Boro Bucks icon in the launchpad.
- Students participating in the dining service programs are required to abide in accordance with all relevant dining service rules and regulations.

31 | Academic Affairs Information

Standard Grading System

Academic achievement is indicated by letter grades which represent Twelve (12) levels of work:

A	Work of exceptional quality;
A-	
B+	
B	Superior work;
B-	
C+	
C	Average work that indicates good quality in daily recitation, assignments and examinations;
C-	
D+	
D	Work that is below average or unsatisfactory;
D-	
F	Failure, the course must be repeated to remove the resultant quality point deficiency;
UF	Unearned Failure, the course must be repeated to remove the resultant quality point deficiency;
AH	Honors work of exceptional quality;
B+ H	Honors work of superior quality;
BH	Honors work of superior quality.

The provision for use of a plus (+) within the B, C or D grade distributions and use of a minus (-) within the A, B, C or D grade distributions allows for an additional gradation within the broad definitions indicated.

	<u>GPA</u>	<u>Suggested % grade range</u>
A	4.00	93-100
A-	3.67	90-92
B+	3.33	87-89
B	3.00	83-86
B-	2.67	80-82
C+	2.33	77-79
C	2.00	73-76
C-	1.67	70-72
D+	1.33	67-69
D	1.00	63-66
D-	0.67	60-62
F	0.00	<60

Other grade designations include:

AU	indicates course taken for audit (no credit earned);
E	indicates credit earned by competency examination;
L	indicates credit earned for Life Experience;
R	indicates research in progress;*
S	indicates credit taken under the Satisfactory/Unsatisfactory option. Credit earned.
U	indicates credit taken under the Satisfactory/Unsatisfactory option. No credit earned.
UU	indicates credit taken under the Satisfactory/Unsatisfactory option. Unearned. No credit earned.
V	indicates credit earned for military training.
W	Student withdrew from the course prior to the end of the withdrawal period established by the University.
I	Incomplete**

* Research in Progress: The “R” letter is used in undergraduate courses where circumstances prevent the completion of a project involving research or similar investigations, within the normal academic grading period. The deadline for the removal of an “R” designator, and its replacement by a standard letter grade, is one calendar year from the date of the original posting of the “R” designator.

** Incomplete: The “I” letter indicates the student has been unable to complete the required coursework within the time limit of the course because of illness, or some other reason acceptable to the faculty member teaching the course. The deadline for the completion of an Incomplete grade(s) is at the end of the 4th week of the next subsequent regular semester. “Failure to complete the necessary work within the time limit will result in the “I” designator being automatically converted to a failing grade (F) for the course.

Extenuating Circumstances Withdrawal: W grades are awarded to students who withdraw after the tenth week for extenuating circumstances. Procedures for withdrawal are listed elsewhere in this section. No withdrawals are valid unless the student has secured the approval of the dean of the faculty in which a student is a major. No withdrawals are permitted once the final exam period has begun.

Bachelor of Science Degree

Computer Science

Computers and computer software now occupy a central role in nearly every profession and discipline. Computers run assembly lines, model business activities, access national databases, and connect the world via networks. Employment opportunities are limitless for those who are able to harness and expand the computer's potential.

The Bachelor of Science degree in Computer Science has an Applied track, Web Development and Implementation track, Network and System Administration track, Game & Virtual World Development track, and Theoretical track. All tracks are designed around national curriculum models and employment opportunities. The theoretical track, accredited by the Computing Accreditation Commission of ABET, <http://www.abet.org>, is designed around the admissions requirements to graduate programs in computer science.

Computer science majors have the opportunity to participate in internship programs that give them a realistic view of employment directions. Current internship partnerships and coops exist with, National Laboratories, Erie Insurance, Community Resources for Independence as well as other numerous local businesses.

Computer science students have access to a variety of campus computer labs. The department sponsors a computer club, Game Development club, open to all interested students, and a programming team that competes multiple times per semester at the state level and national levels.

Program Objectives

Graduates of the Bachelor of Science Degree in Computer Science will be able to:

- Apply the tools, theory and practices of computer science;
- Apply critical thinking, analytical and logical skills to solve problems;
- Possess the ability to communicate in a professional manner;
- Recognize and understand the professional, social and ethical responsibilities associated with computer science;
- Recognize the need for continuous learning.

APPLIED Track

I.	General Education Component	42 sem. hrs.
A.	Skills	12 sem. hrs.
	ENGL101 College Writing Skills (3)	
	ENGL102 Research Writing (3)	
	MATH105 College	
	CSCI125 Introduction to Computer Science (3)	
B.	Core	21 sem. hrs.
	Artistic Expression (3)	
	World Civilizations (3)	
	American Civilizations (3)	
	Human Behavior (3)	
	Cultural Diversity and Social Pluralism (3)	
	Ethics (3)	
	Natural Science (3)	
C.	Distribution	9 sem. hrs.
	Humanities and Fine Arts (3)	
	Social and Behavioral Sciences	
	Science and Mathematics – outside of mathematics (3)	
	MATH275 Linear Algebra I (3)	
II.	Specialization: Computer Science*	51 sem. hrs.
A.	Required Courses	15 sem. hrs.
	CSCI130 Principles of Programming I (3)	
	CSCI230 Principles of Programming II (3)	
	CSCI312 Computer Architecture (3)	
	CSCI330 Object Oriented Programming (3)	
	CSCI385 Data Structures and Algorithms (3)	

B.	Computer Science Concentration	6 sem. hrs.
	CSCI313 Data Base Management (3)	
	CSCI408 Software Engineering (3)	
C.	Computer Science Elective	30 sem. hrs.
	3 to 9 credits must be CSCI496	
	24 credit hours must be 300 level or higher	
III.	Required Mathematics *	9 sem. hrs.
	MATH208 Essentials of Calculus (3)	
	MATH270 Discrete Mathematics I (3)	
	STAT300 App. Stats/Data Analysis (3)	
IV.	Free Electives	18 sem. hrs.
	TOTAL	120 sem. hrs.

*A grade of C or better must be obtained in all computer science and mathematics courses.

NOTE: At least 42 credits must consist of advanced coursework.

At most 12 CSCI credits may be transferred into program.

GAME & VIRTUAL WORLD DEVELOPMENT Track

I.	General Education Component	44 sem. hrs.
A.	Skills	13 sem. hrs.
	ENGL101 College Writing Skills (3)	
	ENGL102 Research Writing (3)	
	MATH107 Precalculus (4)	
	CSCI125 Introduction to Computer Science (3)	
B.	Core	22 sem. hrs.
	Artistic Expression (3)	
	World Civilizations (3)	
	American Civilizations (3)	
	Human Behavior (3)	
	Cultural Diversity and Social Pluralism (3)	
	Ethics (3)	
	Natural Science	
	PHYS201 Physics I (4)	
C.	Distribution	9 sem. hrs.
	Humanities and Fine Arts (3)	
	Social and Behavioral Sciences	
	Science and Mathematics – outside of mathematics (3)	
	MATH275 Linear Algebra I	
II.	Specialization: Computer Science*	34 sem. hrs.
A.	Computer Science Core	15 sem. hrs.
	CSCI130 Principles of Programming I (3)	
	CSCI230 Principles of Programming II (3)	
	CSCI312 Computer Architecture (3)	
	CSCI330 Object Oriented Programming (3)	
	CSCI385 Data Structures and Analysis of Algorithms (3)	
B.	Computer Science Concentration	15 sem. hrs.
	CSCI340 Game Programming (3)	
	CSCI360 Intro to Graphics (3)	
	CSCI370 Artificial Intelligence (3)	
	CSCI440 Game Design and Development (3)	
	CSCI485 Senior Project in Game (3)	
C.	Computer Science Electives	4 sem. hrs.
	3 to 4 credits can be CSCI496	
	All credits must be 300 level or higher	
III.	Required Mathematics Component*	14 sem. hrs.
	MATH211 Analytic Geometry and Calculus I (4)	
	MATH212 Analytic Geometry and Calculus II (4)	
	MATH270 Discrete I (3)	

	STAT300	App Stats/Data Analysis (3)	
IV. Required Art			12 sem hrs.
	ART102	Three-Dim Design (3)	
	ART268	Animation I (3)	
	ART249	Computer Animation I (3)	
		Animation II (3)	
V. Free Electives			16 sem. hrs.
		TOTAL	120 sem. hrs.

*A grade of C or better must be obtained in all computer science and mathematics courses.

NOTE: At least 42 credits must consist of advanced course work

At most 12 CSCI credits may be transferred into program.

NETWORK and SYSTEM ADMINISTRATION Track

I. General Education Component			42 sem. hrs.
A. Skills			12 sem. hrs.
	ENGL101	College Writing Skills (3)	
	ENGL102	Research Writing (3)	
	MATH105	College Algebra (3)	
	CSCI125	Introduction to Computer Science (3)	
B. Core			21 sem. hrs.
		Artistic Expression (3)	
		World Civilizations (3)	
		American Civilizations (3)	
		Human Behavior (3)	
		Cultural Diversity and Social Pluralism (3)	
		Ethics (3)	
		Natural Science (3)	
C. Distribution			9 sem. hrs.
		Humanities and Fine Arts (3)	
		Social and Behavioral Sciences	
		Science and Mathematics – outside of mathematics (3)	
	MATH275	Linear Algebra I (3)	
II. Specialization: Computer Science*			51 sem. hrs.
A. Computer Science Core			15 sem. hrs.
	CSCI130	Principles of Programming I (3)	
	CSCI230	Principles of Programming II (3)	
	CSCI312	Computer Architecture (3)	
	CSCI330	Object Oriented Programming (3)	
	CSCI385	Data Structures and Algorithms (3)	
B. Computer Science Concentration			18 sem. hrs.
	CSCI280	PC System Op & Admin (3)	
	CSCI311	Systems Programming	
	CSCI313	Data Base Management (3)	
	CSCI325	Web Server Administration (3)	
	CSCI425	Network System Administration (3)	
	CSCI475	Data Comm & Networking	
C. Computer Science Elective			18 sem. hrs.
		3 to 9 credits must be CSCI496	
		15 credit hours must be 300 level or higher	
III. Required Mathematics *			9 sem. hrs.
	MATH208	Essentials of Calculus (3)	
	MATH270	Discrete Mathematics I (3)	
	STAT300	App. Stats/Data Analysis (3)	
IV. Free Electives			18 sem. hrs.
		TOTAL	120 sem. hrs.

*A grade of C or better must be obtained in all computer science and mathematics courses.

NOTE: At least 42 credits must consist of advance coursework

At most 12 CSCI credits may be transferred into program.

THEORETICAL Track

I.	General Education Component	43 sem. hrs.
A.	Skills	13 sem. hrs.
	ENGL101	College Writing Skills (3)
	ENGL102	Research Writing (3)
	MATH107	Precalculus (4)
	CSCI125	Introduction to Computer Science (3)
B.	Core	21 sem. hrs.
		Artistic Expression (3)
		World Civilizations (3)
		American Civilizations (3)
		Human Behavior (3)
		Cultural Diversity and Social Pluralism (3)
		Ethics (3)
		Natural Science (3)
C.	Distribution	9 sem. hrs.
		Humanities and Fine Arts (3)
		Social and Behavioral Sciences
		Science and Mathematics
	MATH275	Linear Algebra I (3)
II.	Specialization: Computer Science*	39 sem. hrs.
A.	Computer Science Core	15 sem. hrs.
	CSCI130	Principles of Programming I (3)
	CSCI230	Principles of Programming II (3)
	CSCI312	Computer Architecture (3)
	CSCI330	Object Oriented Programming (3)
	CSCI385	Data Structures and Analysis of Algorithms (3)
B.	Computer Science Concentration	15 sem. hrs.
	CSCI380	Operating Systems (3)
	CSCI408	Software Engineering (3)
	CSCI410	Programming Languages (3)
	CSCI475	Data Communication and Networking (3)
	CSCI480	Computer Science Seminar (3)
C.	Computer Science Electives	9 sem. hrs.
		3 credits can be CSCI496
		All credits must be 300 level or higher
III.	Required Mathematics *	17 sem. hrs.
	MATH211	Analytic Geometry and Calculus I (4)
	MATH212	Analytic Geometry and Calculus II (4)
	MATH270	Discrete I (3)
	STAT300	App. Stats/Data Analysis (3)
	MATH370	Discrete II (3)
IV.	Required Science	4 sem. hrs.
V.	Free Electives	17 sem. hrs.
	TOTAL	120 sem. hrs.

*A grade of C or better must be obtained in all computer science and mathematics courses.

NOTE: At least 42 credits must consist of advanced coursework.

At most 12 CSCI credits may be transferred into program.

WEB DEVELOPMENT and IMPLEMENTATION Track

I.	General Education Component	42 sem. hrs.
A.	Skills	12 sem. hrs.
	ENGL101	College Writing Skills (3)
	ENGL102	Research Writing (3)
	MATH105	College Algebra (3)
	CSCI125	Introduction to Computer Science (3)
B.	Core	21 sem. hrs.

	Artistic Expression (3)	
	World Civilizations (3)	
	American Civilizations (3)	
	Human Behavior (3)	
	Cultural Diversity and Social Pluralism (3)	
	Ethics (3)	
	Natural Science (3)	
C. Distribution		9 sem. hrs.
	Humanities and Fine Arts (3)	
	Social and Behavioral Sciences	
	Science and Mathematics – outside of mathematics (3)	
	MATH275	
	Linear Algebra I (3)	
II. Specialization: Computer Science*		51 sem. hrs.
A. Computer Science Core		15 sem. hrs.
	CSCI130	Principles of Programming I (3)
	CSCI230	Principles of Programming II (3)
	CSCI312	Computer Architecture (3)
	CSCI330	Object Oriented Programming (3)
	CSCI385	Data Structures and Algorithms (3)
B. Computer Science Concentration		18 sem. hrs.
	CSCI123	Intro to Web Deve (3)
	CSCI280	PC System Op & Admin (3)
	CSCI313	Data Base Management (3)
	CSCI323	Web Development (3)
	CSCI325	Web Server Administration (3)
	CSCI423	Web Dev Engineering (3)
C. Computer Science Elective		18 sem. hrs.
	3 to 9 credits must be CSCI496	
	All credit hours must be 300 level or higher	
III. Required Mathematics *		9 sem. hrs.
	MATH208	Essentials of Calculus (3)
	MATH270	Discrete Mathematics I (3)
	STAT300	App. Stats/Data Analysis (3)
IV. Free Electives		18 sem. hrs.
	TOTAL	120 sem. hrs.

*A grade of C or better must be obtained in all computer science and mathematics courses.

NOTE: At least 42 credits must consist of advance coursework

At most 12 CSCI credits may be transferred into program.

Minor Programs

The purpose of Minor programs is to allow students to follow a planned program of coursework in addition to their own major. Minor programs require a minimum of 18 semester hours, and a minimum of six credits of advanced standing coursework. All students completing their first undergraduate minor must take at least 50% of the credits required for the minor from a State System University.

Minor programs are self-advised. They are structured to enable students to follow the program with limited advice.

The student must complete an application form for each minor and submit it to the Office of Records and Registration no later than their last semester prior to graduation. A student is limited to three minors he/she can apply for or complete. Minor requirements must be complete at the time of graduation. The dean of the school in which the graduating student is majoring will certify satisfactory completion of the minor(s).

The official transcript will show any minor program the student has satisfactorily completed at the time of graduation.

RELATED POLICIES

PASSHE, Board of Governors Policies, Procedures and Standards for University Operations 2016-24 Graduation Residency Requirements: 1985-01-A: Requirements for Initiation or Change of Credit-Based Academic Programs

226 | Course Descriptions

COMM325 INTERPERSONAL COMMUNICATION 3sem hrs.

This course provides an advanced understanding of interpersonal communication theories, processes, functions and contexts. Attention will be given to the initiation, development, maintenance, repair, networking in, and disengagement from a variety of interpersonal relationships such as families, friendships, romantic partners, and workplace relationships. This course is valuable to professionals in fields such as communication consulting, counseling, social work and health care. Prerequisite: **COMM107**

242 | Course Descriptions

FYE 10031: PLAYING THE NUMBERS GAME 3 sem. hrs.

This course will begin with an introduction to critical thinking and problem solving skills. Some of the topics discussed include: problem solving, numbers and their properties, infinity and beyond, geometry in our world, probability, and statistics. As time permits, games will be used throughout the course to illustrate mathematical concepts. Prerequisites: One of the following high school courses: Precalculus, Trigonometry, or Calculus. This course is approved for General Education Skills. Students may not receive credit for this course and Math 104. Students who require a specific mathematics course for their major may use this course as a free elective. This course is approved for General Education- Skills Math. This course will be offered exclusively to First-year students, has limited enrollment, and has been designed to meet the goals of the FYE program which include: critical inquiry, frequent writing, collaborative and active learning.

FYE 10032: THE MATHEMATICS OF MUSICAL CONSONANCE 3 sem. hrs.

This course explores the relationship between music, which pleases the ear, and mathematics, which pleases the intellect, at a level suitable for freshmen pursuing the General Education mathematics skills requirement. From ancient Greek understanding of the number theory and geometry of musical structure to its contemporary grounding in set theory and probability, mathematics and music have developed hand-in-hand. We explore this development, frequently appealing to original source. Prerequisites: Placement into Math 104 or higher. Students may not receive credit for this course and Math 104, Finite Mathematics. Students who require a specific mathematics course for their major may use this course as a free elective. This course is approved for General Education- Skills Math. This course will be offered exclusively to First-year students, has limited enrollment, and has been designed to meet the goals of the FYE program which include: critical inquiry, frequent writing, collaborative and active learning.

FYE 10033: RESTORING EUCLID'S HONOR: MATHEMATICAL REASONING AND GEOMETRY 3 sem. hrs.

This course will examine modern criticisms of Euclid's Elements (once fundamental to Western education), including issues related to measurement, hidden assumptions, and the parallel postulate. We will take a renewed approach to geometry, developing a modern, coherent Euclidean geometry with a strong emphasis on axioms, definitions, and logic. Students will create mathematics themselves through investigation and discussions, develop an appreciation of logic and modern mathematics, and come to understand the ultimate importance of Euclid's work. Prerequisites: Placement into Math 020 or higher. Students may not receive credit for this course and Math 104, Finite Mathematics. Students who require a specific mathematics course for their major may use this course as a free elective. This course is approved for General Education- Skills Math. This course will be offered exclusively to First-year students, has limited enrollment, and has been designed to meet the goals of the FYE program which include: critical inquiry, frequent writing, collaborative and active learning.

FYE 10034: THE MATHEMATICS OF BASEBALL 3 sem. hrs.

This course introduces some basic concepts of mathematics from a baseball perspective. Topics considered include descriptive statistics (sabermetrics), set theory, probability, geometry, and voting. Students are expected to be familiar with the rules and vocabulary of baseball. Prerequisite: Placement into Math 104 or higher. Students may not receive credit for this course and Math 104. Students who require a specific course for their major may use this course as a free elective. This course is approved for General Education- Skills Math. This course will be offered exclusively to First-year students, has limited enrollment, and has been designed to meet the goals of the FYE program which include: critical inquiry, frequent writing, collaborative and active learning.

FYE 10101: UNIVERSITY 100 3 sem. hrs.

This course serves as an introduction to the University and to skills essential for academic success. The course is designed to help undeclared students and students in transition define goals, a major and a career path, and to engage in strategies to attain those goals. This course will be offered exclusively to First-year students, has limited enrollment, and has been designed to meet the goals of the FYE program which include: critical inquiry, frequent writing, collaborative and active learning.

FYE 10102: GOTHIC LITERATURE 3 sem. hrs.

This course will examine examples of Gothic, or horror, in literature. Using both text and film, students will use these examples to understand how stories are created, developed, and what the stories have to say about the culture in which they were created. FYE 101

will orient first year, transfer, and first time Edinboro students during their transition to university life. It is specifically designed to acclimate the student to college and increase the probability that they will attain academic success. This course is approved for General Education Core 1: Artistic Expression. This course will be offered exclusively to First-year students, has limited enrollment, and has been designed to meet the goals of the FYE program which include: critical inquiry, frequent writing, collaborative and active learning.

FYE 10103: THE LITERATURE OF BASEBALL 3 sem. hrs.

This course will examine how baseball has been depicted and analyzed in various genres, including novels, short stories, essays, memoirs, oral history, journalism, poetry, film, and the popular song. Students will read, discuss, and write about these texts in order to better understand the significance of baseball within American culture. This course is approved for General Education Core 1: Artistic Expression. This course will be offered exclusively to First-year students, has limited enrollment, and has been designed to meet the goals of the FYE program which include: critical inquiry, frequent writing, collaborative and active learning.

FYE 10104: HORROR FICTION AS SOCIAL CRITIQUE: VAMPIRES, AND WEREWOLVES, AND ZOMBIES- OH MY! 3 sem. hrs.

This course will consider examples of various genres of horror fiction, including short stories and a novel, connecting these texts to modern social issues and ethical debates. We will discuss the works' use of literary elements such as symbol and theme as we explore how these fictions use monstrosity to depict degrees of difference between characters, and between characters and society. This course is approved for General Education Core 1: Artistic Expression. This course will be offered exclusively to First-year students, has limited enrollment, and has been designed to meet the goals of the FYE program which include: critical inquiry, frequent writing, collaborative and active learning.

FYE 10105: LITERATURE AND THE ATOMIC BOMB 3 sem. hrs.

This course will examine the various forms of written expression that emerged with the dawning of the nuclear age in 1945. These texts reveal how writers have tried to articulate contemporary hopes and fears of people living under the shadow of potential worldwide catastrophe. The course also explores how such literary works are relevant to post-9/11 America. This course is approved for General Education Core 1: Artistic Expression. This course will be offered exclusively to First-year students, has limited enrollment, and has been designed to meet the goals of the FYE program which include: critical inquiry, frequent writing, collaborative and active learning.

FYE 10106: LITERATURE FROM OUTER SPACE 3 sem. hrs.

This course will examine the history and variety of Science Fiction. It will examine the field's use of a variety of genre and themes. The course will also examine the methodology of science fiction and its place in the world of literature and storytelling. This course is approved for General Education Core 1: Artistic Expression. This course will be offered exclusively to First-year students, has limited enrollment, and has been designed to meet the goals of the FYE program which include: critical inquiry, frequent writing, collaborative and active learning.

FYE 10107: PERFORMING GENDER 3 sem. hrs.

The question of gender in performance is a special topics course that will develop students' critical thinking and social awareness. The course addresses gender neutral casting and dramatic literature in which gender is intentionally altered. The political and social climate in which one's understanding of gender identity is developed will serve as the foundation for class discussions and readings. Approved for General Education Core 1: Artistic Expression. This course will be offered exclusively to First-year students, has limited enrollment, and has been designed to meet the goals of the FYE program which include: critical inquiry, frequent writing, collaborative and active learning.

FYE 10108: JAZZ, POP, AND ROCK 3 sem. hrs.

This course provides experiences and information designed to present jazz, pop, and rock music in historical and contemporary cultural perspectives. This course will orient first year Edinboro students during their transitions to university life. It is specifically designed to acclimate the student to college and increase the probability that they will attain academic success. This course is approved for General Education Core 1: Artistic Expression. This course will be offered exclusively to First-year students, has limited enrollment, and has been designed to meet the goals of the FYE program which include: critical inquiry, frequent writing, collaborative and active learning.

FYE 10109: HARRY POTTER 3 sem. hrs.

This course examines the seven-novel Harry Potter series by J.K. Rowling. It will cover issues such as literature's connection to myth and folklore, the process of literary analysis, and the creation and marketing of popular fiction. Students will develop an in-depth understanding of literature and the creative process. This course is approved for General Education Core 1: Artistic Expression. This course will be offered exclusively to First-year students, has limited enrollment, and has been designed to meet the goals of the FYE program which include: critical inquiry, frequent writing, collaborative and active learning.

FYE 10110: THE GRAPHIC NOVEL: EXPLORING HISTORY, ART, & WRITING 3 sem. hrs.

After a century of development, the graphic novel has become a popular and accomplished artistic and literary form frequently used in modern day classrooms. Students will develop habits and skills of active reading that will help them be aware of meaning in graphic novels and of what authors and artists have done to create or suggest what the reader understands. Students enrolled in this course will gain further understanding of the artwork, the visual emotions of the characters, and the cultural aspects in which the characters live and develop. Students will apply these skills to create their own application of the sequential art of graphic storytelling. This course is approved for General Education Core 1: Artistic Expression. This course will be offered exclusively to First-year students, has limited enrollment, and has been designed to meet the goals of the FYE program which include: critical inquiry, frequent writing, collaborative and active learning.

FYE 10111: DESIGNING POP CULTURE 3 sem. hrs.

Students will gain analytical skill necessary to analyze pop culture from a design and layout perspective. Focusing on the intersection of pop culture and design, students will learn how pop culture and consumerism have influenced and impacted basic design principles and ideals, along with the ways in which these principles are represented in our most popular forms of media. This course is approved for Core 1: Artistic Expression. This course will be offered exclusively to First-year students, has limited enrollment, and has been designed to meet the goals of the FYE program which include: critical inquiry, frequent writing, collaborative and active learning.

FYE 10112: ORIGAMI: THE ART OF PAPER FOLDING 3 sem. hrs.

This course will introduce students to the art known as origami. This course will begin by investigating the uncertain origins of origami and the foundational folds used to create traditional models. The course will cover various branches of modern origami: modular, crumpling, tessellations, pleating, pureland, and more. This course is approved for Core 1: Artistic Expression. This course will be offered exclusively to First-year students, has limited enrollment, and has been designed to meet the goals of the FYE program which include: critical inquiry, frequent writing, collaborative and active learning.

FYE 10201: THE RESISTANCE IN THE HOLOCAUST 3 sem. hrs.

This course examines the history of The Resistance in the Holocaust. In understanding the contributions of those who did resist the inhumanity, the course will define genocide, anti-Semitism, extermination, and the challenges to those. The majority of intellectual discourse has focused on the horrific events of the Holocaust and with reason; however, this course focuses on those, who in the face of insurmountable obstacles, including torture and death, risked everything to stand up for justice. FYE 102 will orient first year, transfer, and first time Edinboro students during their transitions to university life. It is specifically designed to acclimate the students to college and increase the probability that they will attain academic success. This course is approved for General Education Core 2: World Civilizations. This course will be offered exclusively to First-year students, has limited enrollment, and has been designed to meet the goals of the FYE program which include: critical inquiry, frequent writing, collaborative and active learning.

FYE 10202: FAMOUS FEUDS IN HISTORY 3 sem. hrs.

This course studies famous feuds in history from a local, regional, national, and international perspective. It also analyzes the impact of feuds on individual, national, and global relationships. FYE 102 will orient first year, transfer, and first time Edinboro students during their transitioning to university life. It is specifically designed to acclimate the student to college and increase the probability they will attain academic success. This course is approved for General Education Core 2: World Civilizations. This course will be offered exclusively to First-year students, has limited enrollment, and has been designed to meet the goals of the FYE program which include: critical inquiry, frequent writing, collaborative and active learning.

FYE 10203: PIRATES, PRIVATEERS, AND BUCCANEERS: A HISTORY 3 sem. hrs.

This course examines the global history of piracy from the Elizabethan world to the mid-eighteenth century, a period historians roughly designate as "early modern." The course studies the economic, social, and political history of male and female pirates. FYE 102 will orient first year, transfer, and first time Edinboro students during their transitions to university life. It is specifically designed to acclimate the students to college and increase the probability that they will attain academic success. This course is approved for

General Education Core 2: World Civilizations. This course will be offered exclusively to First-year students, has limited enrollment, and has been designed to meet the goals of the FYE program which include: critical inquiry, frequent writing, collaborative and active learning.

FYE 10204: THE HISTORY OF JESUS 3 sem. hrs.

This course is a historical examination, through extra-biblical, non-canonical, and extra-Christian sources, of the life and times of the Historical Jesus, placing him within the socio-cultural content in which he lived. Using the Historical Jesus as the springboard, this course will examine political, economic, and social life in ancient civilization, connecting them with the modern era. This course is approved for General Education Core 2: World Civilizations. This course will be offered exclusively to First-year students, has limited enrollment, and has been designed to meet the goals of the FYE program which include: critical inquiry, frequent writing, collaborative and active learning.

FYE 10205: WELL-BEHAVED WOMEN RARELY MAKE HISTORY; HERETICS AND HEROINES 3 sem. hrs.

This course examines the history of selected women who deviated from societal expectations and often found themselves challenging authority. The course covers heretics and heroines who contributed to the development, and at times decline, of historical events and issues. This course is approved for General Education Core 2: World Civilizations. This course will be offered exclusively to First-year students, has limited enrollment, and has been designed to meet the goals of the FYE program which include: critical inquiry, frequent writing, collaborative and active learning.

FYE 10301: SALEM WITCH TRIALS 3 sem. hrs.

This course studies the causes and results of the Salem witchcraft trials of 1692 by examining the political, economic, and social context in which they occurred. It further analyzes the long-term effect of the witch trials through the course of U.S. history, looking at related issues and events into the modern era. FYE 103 will orient first year, transfer, and first time Edinboro students during their transitions to university life. It is specifically designed to acclimate the students to college and increase the probability that they will attain academic success. This course is approved for General Education Core 3: American Civilizations. This course will be offered exclusively to First-year students, has limited enrollment, and has been designed to meet the goals of the FYE program which include: critical inquiry, frequent writing, collaborative and active learning.

FYE 10302: REPRODUCTIVE POLITICS 3 sem. hrs.

In this course, students will explore the law and politics of human reproduction, including controversies over contraception, abortion, and sex education. Students will focus on American society but will enhance their comprehension through comparative analysis. Students will learn how to access and analyze a wide range of data (legal, opinions, polls, scientific studies, etc.) and will be encouraged to take ownership of their own research and conclusions regarding reproductive politics. This course is approved for General Education Core 3: American Civilizations. This course will be offered exclusively to First-year students, has limited enrollment, and has been designed to meet the goals of the FYE program which include: critical inquiry, frequent writing, collaborative and active learning.

FYE 10303: COLLEGE: WHAT, WHY, AND HOW? 3 sem. hrs.

This course focuses on the college experience by examining theory, research and the writings of college students. Emphasis will be placed on the study of college as a social institution; the expectations of college students, their professors, and the families; the personal growth that is associated with college; the experience of being a freshman; and debates about the purpose and value of college. Students will engage in careful analysis of social and news media, campus activities and messages, and narratives related to college; they will link their own experiences to required materials. This course will help students better understand and shape their own experiences in college as well as analyze a significant sociocultural institution. This course is approved for General Education Core 3: American Civilizations. This course will be offered exclusively to First-year students, has limited enrollment, and has been designed to meet the goals of the FYE program which include: critical inquiry, frequent writing, collaborative and active learning.

FYE 10304: WEALTH BUILDING AND MONEY MANAGEMENT 3 sem. hrs.

This course provides the fundamentals of wealth building in America through a historical perspective. It also describes and explains important money management strategies. Core topics include: cash management, housing and automobile purchase strategies, debt management, individual tax planning, insurance, investment planning, retirement planning, and estate planning. This course is approved for General Education Core 3: American Civilizations. This course will be offered exclusively to First-year students, has

limited enrollment, and has been designed to meet the goals of the FYE program which include: critical inquiry, frequent writing, collaborative and active learning.

FYE 10305: HIP-HOP, RAP, POLITICS AND ACTION 3 sem. hrs.

This course will examine the genre in its political context. Specifically, students will address the social forces surrounding the development of the music as a vehicle for political ideology, messaging, and action. This course is approved for General Education Core 3: American Civilizations. This course will be offered exclusively to First-year students, has limited enrollment, and has been designed to meet the goals of the FYE program which include: critical inquiry, frequent writing, collaborative and active learning.

FYE 10306: THE HISTORY OF HIP-HOP: FROM THE SOUTH BRONX TO A GLOBAL PHENOMENON 3 sem. hrs.

This course is designed to critically examine the history and evolution of Hip Hop culture and identify the ideological foundations of this global phenomenon. The course traces the cultural, social-economic, and political history of Hip Hop and the circumstances under which it emerged. The course covers different elements of Hip Hop and its evolution. Moreover, this course seeks to explore the phenomenon's influence and significance on the development of global popular culture. This course is approved for General Education Core 3: American Civilizations. This course will be offered exclusively to First-year students, has limited enrollment, and has been designed to meet the goals of the FYE program which include: critical inquiry, frequent writing, collaborative and active learning.

FYE 10307: AMERICAN VISIONS (FORMERLY: AMERICAN STORIES) 3 sem. hrs.

As they read American literature, students will ask questions about how American identities have been envisioned. Examining the impact of ideas about race, gender, ethnicity, and class on conceptions of America and Americanness, students will discover the themes, concerns, and preoccupations that shape the national imagination. This course is approved for General Education Core 3: American Civilizations. This course will be offered exclusively to First-year students, has limited enrollment, and has been designed to meet the goals of the FYE program which include: critical inquiry, frequent writing, collaborative and active learning.

FYE 10308: GRAFFITI, LOWRIDERS, AND TATTOOS: LATINO/A POPULAR ART IN THE U.S. 3 sem. hrs.

This course is a historical overview of Latino/a culture and artistic production and reception in the United States. Students will examine the challenges faced by Latino/a artists: marginalization, prejudice, and exclusion by museums, critics and mainstream public. This course will demonstrate how Latino/a art synthesizes New World/Old World artistic influences in order to create a new visual experience, as Latinos/as are an important and integral part of American civilization and culture. This course is approved for General Education Core 3: American Civilizations. This course will be offered exclusively to First-year students, has limited enrollment, and has been designed to meet the goals of the FYE program which include: critical inquiry, frequent writing, collaborative and active learning.

FYE 10309: SUPERHEROES, COMIC BOOKS AND POLITICS 3 sem. hrs.

This course examines comic books and the genre of superheroes in political context. Specifically, students address the social forces surrounding the development of comics and superheroes as vehicles for political ideology, messaging, and action. This course is approved for General Education Core 3: American Civilizations. This course will be offered exclusively to First-year students, has limited enrollment, and has been designed to meet the goals of the FYE program which include: critical inquiry, frequent writing, collaborative and active learning.

FYE 10310: AMERICA'S NATURAL RESOURCES: PAST, PRESENT AND FUTURE OF CONSERVATION IN THE USA 3 sem. hrs.

This introductory course will explore changing attitudes in the United States toward conservation and natural resource management throughout its history. It will distinguish between renewable and nonrenewable resources, and examine geographic distribution of resources, impacts of resource extraction and use, and conservation strategies. Our focus will be on conservation practices that initially arose in response to resource exploitation, and how conservation practice changed over time as American values and concerns shifted. In addition to conservation ideas, the course will emphasize government agencies that conserve resources, such as the Forest Service, and also types of land the government protects, including National Forests and National Parks. This course is approved for General Education Core 3: American Civilizations. This course will be offered exclusively to First-year students, has limited enrollment, and has been designed to meet the goals of the FYE program which include: critical inquiry, frequent writing, collaborative and active learning.

FYE10401: LANGUAGE OF POWER AND TERROR 3 sem. hrs.

This course examines the language, rhetoric and ideologies promulgated by nationalist and extremist groups, with emphasis on the policies, practices and beliefs that serve as the rationale for terrorist and counter-terrorist acts. This course is approved for General Education Core 4: Human Behavior. . This course will be offered exclusively to First-year students, has limited enrollment, and has been designed to meet the goals of the FYE program which include: critical inquiry, frequent writing, collaborative and active learning.

**FYE 10402: THE LYRICS OF BRUCE SPRINGSTEEN: A RHETORICAL, CULTURAL, AND CRITICAL ANALYSIS
3 sem. hrs.**

This course examines the lyrics, rhetoric, and themes represented in the music of Bruce Springsteen as a means to explore the role of song as a form of communication and as a mode of social change. This course is approved for General Education Core 4: Human Behavior. This course will be offered exclusively to First-year students, has limited enrollment, and has been designed to meet the goals of the FYE program which include: critical inquiry, frequent writing, collaborative and active learning.

FYE 10403: LEAD THE WAY: LEADERSHIP THEORY AND APPLICATION 3 sem. hrs.

This course will serve as an introduction to the field of leadership studies. Emphasis will be placed on theoretical concepts and their practical applications so students can develop their own leadership approach. This course provides the basis for understanding what leadership is and what leaders do to be successful. This course is approved for General Education Core 4: Human Behavior. This course will be offered exclusively to First-year students, has limited enrollment, and has been designed to meet the goals of the FYE program which include: critical inquiry, frequent writing, collaborative and active learning.

FYE 10404: WATCHING THE WIRE 3 sem. hrs.

This course is designed to examine the show's portrayal of urban America as a window into a number of different social problems and conditions distinct to contemporary society, including the drug war, the underclass, urban policies and development, post-industrial cities, political corruption, urban education, and mass media coverage. The course will focus on close viewing, discussion, critical analysis, and research about the show's social and sociological contexts. This course is approved for General Education Core 4: Human Behavior. . This course will be offered exclusively to First-year students, has limited enrollment, and has been designed to meet the goals of the FYE program which include: critical inquiry, frequent writing, collaborative and active learning.

FYE 10405: CYBORGS AND SOCIAL NETWORKS 3 sem. hrs.

This course introduces students to theoretical and empirical perspectives on the dynamics of social networks, social cyborgs, and mediated reality. Students will explore the notions of social solidarity, group formation, identity construction, diversity, inequality, consumer capitalism, social control mechanisms, civic engagement, globalization and processes of social change as they have been transformed by digital communication and other technological advancement. This course is approved for General Education Core: 4 Human Behavior. This course will be offered exclusively to First-year students, has limited enrollment, and has been designed to meet the goals of the FYE program which include: critical inquiry, frequent writing, collaborative and active learning.

FYE 10406: GEEK CULTURE AND FANDOM 3 sem. hrs.

This course explores the rise of the 'geek/nerd' in popular culture, and the relationship between 'geekdom' and 'fandom.' Specifically, it examines the changing attitudes toward geeks/nerds in popular media; what it means to 'be' a geek/nerd; gender, sexual orientation and race issues in geek/nerd culture; how fanboys and fangirls differ in their interactions with texts, and the production of fan-art/texts; and the commercialization of 'geekdom' and 'fandom'. This course is approved for General Education Core 4: Human Behavior. This course will be offered exclusively to First-year students, has limited enrollment, and has been designed to meet the goals of the FYE program which include: critical inquiry, frequent writing, collaborative and active learning.

FYE 10407: KEEP AN OPEN MIND 3 sem. hrs.

This course examines the brain's relationship to the mind. Drawing from popular neuroscience, cognitive psychology, religion and philosophy, quantum physics, mathematics, communication sciences and disorders, the brain-mind complex will be explored to enhance understanding of how to optimize brain skills, brain health, creativity, and performance even in the face of devastating neurological catastrophes. This course is approved for General Education Core 4: Human Behavior. . This course will be offered exclusively to First-year students, has limited enrollment, and has been designed to meet the goals of the FYE program which include: critical inquiry, frequent writing, collaborative and active learning.

FYE 10408: HANDLE YOUR STRESS FOR ACADEMIC SUCCESS 3 sem. hrs.

This course will orient first year, transfer and first-time Edinboro students during their transition to university life. It is specifically designed to acclimate the student to college and increase the probability that they will attain academic success. Examples of topics that will be covered in this course include stress psychophysiology; common sources of stress at both the individual and societal levels; stress intervention methods at the biological, psychological, and social levels; and stress-related issues specific to helping first-time university students meet the daily demands of college life. This course is approved for General Education Core 4: Human Behavior. This course will be offered exclusively to First-year students, has limited enrollment, and has been designed to meet the goals of the FYE program which include: critical inquiry, frequent writing, collaborative and active learning.

FYE 10409: QUESTIONING THE WORLD AROUND US 3 sem. hrs.

Have you ever wondered how whales drink? Why do we capitalize “I” in sentences, but not “we”? Why do we wonder about these things? Why do we ask questions? Address these questions and more in FYE 104 Puzzling Conundrums: Questioning the World Around Us. This course is designed to highlight the importance of information literacy and research skills while developing presentation and oral communication skills through the exploration of novel, interesting, and thought provoking questions about the world around us. Students will hypothesize, explore, and present unique solutions to questions about the world. Students will discuss the importance of questioning and informed decision making while exploring the process by which knowledge is constructed and applied. This course is approved for General Education Core 4: Human Behavior. This course will be offered exclusively to First-year students, has limited enrollment, and has been designed to meet the goals of the FYE program which include: critical inquiry, frequent writing, collaborative and active learning.

FYE 10410: MAKING MEANING OF MEDIA 3 sem. hrs.

The rise of digital communication has shifted the definition of literacy. With multiple platforms in constant use on a global scale, media literacy is a more appropriate expectation in the 21st century. Students will be taught the historical evolution of media literacy and its impact on society. Students will be given analytical skills for making their own media choices based on the literature in the field to interpret and analyze how individuals, audiences, and institutions are impacted thereby. Students will have the opportunity to make their own media analysis and present their findings in class. This course is approved for General Education Core 4: Human Behavior. This course will be offered exclusively to First-year students, has limited enrollment, and has been designed to meet the goals of the FYE program which include: critical inquiry, frequent writing, collaborative and active learning.

FYE 10411: PSYCHOLOGY OF CURRENT EVENTS AND EVERYDAY LIFE 3 sem. hrs.

This course introduces the methods, theories, and key findings from Psychology, the scientific study of behavior and mental processes, and examines them through current events and examples from everyday life, including topics such as research on concussions, medical and military applications of animal training, the impact of role models in the media, and the pros and cons of various treatments for psychological disorders. FYE 104 is specially designed to help students make a healthy transition from high school to a university setting and also includes topics related to academic success. This course is approved for General Education Core 4: Human Behavior. This course will be offered exclusively to First-year students, has limited enrollment, and has been designed to meet the goals of the FYE program which include: critical inquiry, frequent writing, collaborative and active learning.

FYE 10501: SECRETS OF THE DEAD: DEAD BODIES IN FORENSIC AND ANTHROPOLOGICAL CONTEXT 3 sem. hrs.

Dead bodies can be buried, burned, preserved, or eaten. The dead can be revered, feared, or studied. This course will explore how cultures dispose of their dead and what powers they ascribe to the dead. Using anthropological and forensic analysis, this course will examine why cultures treat corpses the way they do, and why the dead—or the undead—behave as they do. This course is approved for General Education Core 5: Cultural Diversity and Social Pluralism. This course will be offered exclusively to First-year students, has limited enrollment, and has been designed to meet the goals of the FYE program which include: critical inquiry, frequent writing, collaborative and active learning.

FYE 10502: JAPANESE TEA CEREMONY 3 sem. hrs.

This course is a cross-cultural overview of a traditional art form, the Japanese tea ceremony. Included in the study and practice of tea are related traditional Japanese art (e.g., origami, haiku) for developing an awareness of self, place, and community. Content will cover history, practice, and reflection with activities designed to acclimate the students to college and increase academic success. FYE 105 will orient first year, transfer, and first time Edinboro students during their transitions to university life. This course is approved for General Education Core 5: Cultural Diversity and Social Pluralism. This course will be offered exclusively to First-year students, has limited enrollment, and has been designed to meet the goals of the FYE program which include: critical inquiry, frequent writing, collaborative and active learning.

FYE 10503: THE SOCIOLOGY OF SUPERHEROES 3 sem. hrs.

Using the sociological perspective, this course will focus on the analysis of the socio-cultural components of diversity inherent to comic books, via the broader U.S. culture, sub-cultures, and global cultures. FYE 105 will orient first-year, transfer, and first time Edinboro students during their transitions to university life. It is specifically designed to acclimate the student to college and increase the probability that they will attain academic success. This course is approved for General Education Core 5: Cultural Diversity and Social Pluralism. This course will be offered exclusively to First-year students, has limited enrollment, and has been designed to meet the goals of the FYE program which include: critical inquiry, frequent writing, collaborative and active learning.

FYE 10504: FROM CAVEMEN TO ROCK BAND 3 sem. hrs.

A hybrid studio/discussion-based First Year Experience Course (FYE) for all freshmen students. It addresses the role of visual culture in human history. Students develop a sketching/writing practice as a study method for academic success. The underlying theme revolves around significant “sketches” in history and how they speak to the core cultural values of their creators. No artistic skills are required. This course is approved for General Education Core 5: Cultural Diversity and Social Pluralism. This course will be offered exclusively to First-year students, has limited enrollment, and has been designed to meet the goals of the FYE program which include: critical inquiry, frequent writing, collaborative and active learning.

FYE 10505: MARTIN LUTHER KING JR., AND MALCOLM X: A COMPARATIVE ANALYSIS 3 sem. hrs.

This course offers a detailed comparative analysis of the life and philosophy of Dr. Martin Luther King Jr. and Malcolm X in the context of the Civil Rights Movement of the 1950s and 1960s. The course will examine the early influences on the lives of these leaders and differentiate how their backgrounds influenced their ideological differences. In addition, this course will provide an analysis of their ideologies and how their beliefs converge and diverge at certain points. Students will gain an in-depth examination of Dr. King and Malcolm X speeches, organization skills, and challenges. This course is approved for General Education Core 5: Cultural Diversity and Social Pluralism. This course will be offered exclusively to First-year students, has limited enrollment, and has been designed to meet the goals of the FYE program which include: critical inquiry, frequent writing, collaborative and active learning.

FYE 10506: WWLGD? (WHAT WOULD LADY GAGA DO?): WOMEN, MEDIA, AND SOCIAL CULTURE 3 sem. hrs.

Women are socialized through exposure to forms of media, though most images have perpetuated negative and/or stereotypically gendered views. In the postmodern era, however, some images of women have diversified, becoming stronger and oriented toward more positive characterizations. This course will examine sociological views of media, gender, images of women, the basic tenets of feminism, and the roles of all of these in social behaviors of women in the United States. This course is approved for General Education Core 5: Cultural Diversity and Social Pluralism. This course will be offered exclusively to First-year students, has limited enrollment, and has been designed to meet the goals of the FYE program which include: critical inquiry, frequent writing, collaborative and active learning.

FYE 10507: OF ARROWS, BENDING & SLAYAGE: FEMINISM IN POPULAR MEDIA 3 sem. hrs.

In this course students are expected to analyze feminist imagery in several popular films and popular television series. Using such media as *Buffy the Vampire Slayer*, *The Hunger Games*, *Avatar: The Last Airbender* and the Harry Potter film series, among others, this course examines the popular images of young women (and men) from the sociological and feminist perspectives. Through a rigorous, analytical focus on these specific media, students will be challenged to think critically and sociologically about the current and changing states of gender in the United States. This course is approved for General Education Core 5: Cultural Diversity and Social Pluralism. This course will be offered exclusively to First-year students, has limited enrollment, and has been designed to meet the goals of the FYE program which include: critical inquiry, frequent writing, collaborative and active learning.

FYE 10508: RACE GENDER, & THE LAW 3 sem. hrs.

This course will provide an overview of the complex interconnections between race, gender, and the law in the United States. The course will also focus on the role the law plays in causing and remedying gender based and racial inequality, and include identifying contemporary issues related to gender, race, and the law in areas like affirmative action in the 21st century, workplace discrimination, language rights, racial profiling, and racial disparities in criminal sentencing. This course is approved for General Education Core 5: Cultural Diversity and Social Pluralism. This course will be offered exclusively to First-year students, has limited enrollment, and has been designed to meet the goals of the FYE program which include: critical inquiry, frequent writing, collaborative and active learning.

FYE 10601: YOU MAKE THE CALL: CONTROVERSIES AND ETHICAL ISSUES IN SPORT 3 sem. hrs.

This course provides students with content and activities that will develop critical thinking skills, acquaint them with the moral principles, and allow them to develop and explore their moral values. Examples of topics that will be covered in this course include: issues of racial and gender equity in sports, performance-enhancing technologies, fiscal concerns such as collegiate sponsorship and professional salaries, and off-the-field behaviors such as violence and abuse. This course is approved for General Education Core 6: Ethics. This course will be offered exclusively to First-year students, has limited enrollment, and has been designed to meet the goals of the FYE program which include: critical inquiry, frequent writing, collaborative and active learning.

FYE 10602: ETHICAL AND CULTURAL ISSUES IN HARRY POTTER 3 sem. hrs.

This course will examine the Harry Potter films to discuss issues of ordinary virtue and extraordinary virtue, including social discrimination, animal rights, human rights, and efforts to conquer death. It is expected that students will already be mostly familiar with the Harry Potter saga, either through the novels by J.K. Rowling, or the movie series. This course is approved for General Education Core 6: Ethics. This course will be offered exclusively to First-year students, has limited enrollment, and has been designed to meet the goals of the FYE program which include: critical inquiry, frequent writing, collaborative and active learning.

FYE 10603: SO SUE ME! OWNERSHIP AND BORROWING IN LITERATURE AND THE VISUAL ARTS 3 sem. hrs.

Many artists, such as those in the visual arts and literature, borrow from the works of predecessors and incorporate them into the context of the new work of art. This course will examine appropriation from the standpoint of ethics of this type of art. FYE 106 will orient first year, transfer, and first time Edinboro students during their transitions to university life. It is specifically designed to acclimate the student to college and increase the probability that they will attain academic success. This course is approved for General Education Core 6: Ethics. This course will be offered exclusively to First-year students, has limited enrollment, and has been designed to meet the goals of the FYE program which include: critical inquiry, frequent writing, collaborative and active learning.

FYE 10604: DOES GOD EXIST? 3 sem. hrs.

This FYE course is devoted to the classic philosophical issue of whether God exists. More specifically, it is mainly devoted to exploring two questions: Is there good evidence for or against the existence of God? Can belief in God be rational in the absence of good evidence? The course pays special attention to moral arguments for and against the existence of God, and to moral considerations concerning faith. This course is approved for General Education Core 6: Ethics. This course will be offered exclusively to First-year students, has limited enrollment, and has been designed to meet the goals of the FYE program which include: critical inquiry, frequent writing, collaborative and active learning.

FYE 10605: MORALITY, FAITH, AND THE MEANING OF LIFE 3 sem. hrs.

This course explores three main questions: whether morality depends on religion, whether religious faith is rational, and whether the meaning of life depends on religion. Students will reflect on their own values and beliefs, learn about alternatives to them, and improve their ability to articulate and defend their view. Real-world applications and illustrations are emphasized, and cultural and religious diversity are examined in the exploration of the central issues. This course is approved for General Education Core 6: Ethics. This course will be offered exclusively to First-year students, has limited enrollment, and has been designed to meet the goals of the FYE program which include: critical inquiry, frequent writing, collaborative and active learning.

FYE 10606: PEOPLE AND THE PLANET: LOCAL TO GLOBAL ENVIRONMENTAL ISSUES AND CHOICES 3 sem. hrs.

This course is an introduction to the “Anthropocene”, the current era in which people now have a dominant influence on Earth, the planet we all depend on for meeting the needs and wants of our everyday lives. The focus will be on understanding this human dominance: the emergence and current indicators of the Anthropocene, local to global environmental issues we currently face, and the ethical consequences of choices we make now and in the future. This course is approved for General Education Core 6: Ethics. This course will be offered exclusively to First-year students, has limited enrollment, and has been designed to meet the goals of the FYE program which include: critical inquiry, frequent writing, collaborative and active learning.

FYE 10701: FORENSIC CHEMISTRY: FACT AND FICTION 3 sem. hrs.

This is a survey course that emphasizes the chemical aspects of forensic science. The scientific method and the major laws of chemistry will be applied to analytical problems encountered in crime laboratories. A variety of both dramatic and factual television programs will provide the context for exercises in basic chemistry, critical thinking, and collaborative problem solving. Using televised presentations, students will identify the chemical tests that were used, examine their validity and limitations, and report their

conclusions. This course is approved for General Education Core 7: Natural Sciences. This course will be offered exclusively to First-year students, has limited enrollment, and has been designed to meet the goals of the FYE program which include: critical inquiry, frequent writing, collaborative and active learning.

FYE 10702: PA ROCKS: THE GEOLOGY OF PENNSYLVANIA **3 sem. hrs.** This Geosciences course focuses on the earth materials, geological processes, and geological history of Pennsylvania. It includes, as evidence in the Commonwealth, the origin, occurrences, classification, and properties of minerals and rocks, the processes of erosion and deposition, and concepts related to geological time, systems, hazards, tectonic processes, and environmental issues. No prerequisites, 2-hour lecture and 2-hour lab per week. This course is approved for General Education Core 7: Natural Sciences. This course will be offered exclusively to First-year students, has limited enrollment, and has been designed to meet the goals of the FYE program which include: critical inquiry, frequent writing, collaborative and active learning.

FYE 10703: CHEMISTRY OF GLASS **3 sem. hrs.**
This course is an introduction to the chemistry of glass. The class will start with a brief history of glass; will include discussion and laboratory experiences of how to manipulate glass. The course will investigate the particulate structure of glass, its physical and chemical properties and will link those properties to many uses of glass. This course meets four hours per week, including a two-hour laboratory. This course is approved for General Education Core 7: Natural Sciences. This course will be offered exclusively to First-year students, has limited enrollment, and has been designed to meet the goals of the FYE program which include: critical inquiry, frequent writing, collaborative and active learning.

FYE 10704: THE LION KING: AFRICAN WILDLIFE AND ITS CONSERVATION **3 sem. hrs.**
In this course, students will be introduced to basic biological principles related to conservation. The natural history and conservation status of selected African wildlife will be examined through readings, media, and field trips. Emphasis will be placed on the interdisciplinary nature of conservation, to develop workable solutions for conservation issues, one must consider not just biology, but also culture and economics. Students will be asked to critically analyze questions pertinent to the field. For example: Is trophy hunting beneficial for conservation? Are costs associated with saving endangered animals warranted? Do zoos have a role in conservation? This course is approved for General Education Core 7: Natural Sciences. This course will be offered exclusively to First-year students, has limited enrollment, and has been designed to meet the goals of the FYE program which include: critical inquiry, frequent writing, collaborative and active learning.

FYE 10705: THE WACKY WEATHER AND CHANGING CLIMATE OF PENNSYLVANIA **3 sem. hrs.**
This is an introductory course that explores the fundamental concepts of weather and climate with a focus on the Commonwealth of Pennsylvania. Basic principles in atmospheric science are investigated using historic weather events that unfolded in Pennsylvania as case studies. An emphasis is placed upon understanding the cause and effects of weather phenomena such as heat waves, arctic outbreaks, droughts, floods, thunderstorms, hurricanes, tornadoes, blizzards, ice storms, and lake-effect snows. Past changes in climate, such as those associated with glacial and interglacial periods, are investigated as are projected future trends. This course is approved for General Education Core 7: Natural Science. This course will be offered exclusively to First-year students, has limited enrollment, and has been designed to meet the goals of the FYE program which include: critical inquiry, frequent writing, collaborative and active learning.

MGMT350 PRODUCTION OPERATIONS MANAGEMENT **3 sem. hrs.**
This course describes the fundamentals of production/operations management (POM). It will discuss the importance of each area and show how the various functions fit together to make up an effective, efficient production system. Prerequisites: Enrollment in a BSBA concentration, MGMT300.