



# **GENERAL EDUCATION**

# General Education Courses

*The General Education curriculum provides knowledge and skills required to become a well-rounded college graduate and citizen. The main learning outcomes focus on written and oral communication skills, critical thinking and problem solving skills, artistic and aesthetic appreciation, and information fluency which are essential for success in a continually evolving workplace.*

*Thirty percent of each degree program at The Art Institute of Pittsburgh consists of General Education classes. Course offerings include a broad array of disciplines such as art history, literature, mathematics, political science, psychology, and science. These classes offer the opportunity for students to explore the world around them, to help focus their own personal interests, and, ultimately, enrich the work they do in their programs of study. The curriculum is designed so that courses build in depth and breadth while allowing students to select courses in areas of their own interest.*

*Perhaps General Education's most important role is helping students to develop both professionally and personally. Some important areas of emphasis include: learning to work responsibly in diverse social and professional environments, recognizing the potential impact of local, national, and world events on both a career and personal level, valuing and applying quantitative and critical thinking skills to everyday experiences, and communicating effectively, both orally and in writing. The General Education curriculum supports and enhances the education that students receive within their majors and provides a well-rounded academic experience.*

*Courses in the General Education department are also available online.*

*The mission of the General Education curriculum is to facilitate artistic and aesthetic appreciation, develop knowledge, and enhance the skills and critical thinking abilities students need for professional success.*

**All courses offered as general education are listed below. The following policies apply:**

1. Degrees will have one-third general education courses as required by the Commonwealth of Pennsylvania Department of Education.
  2. Associate of Science degrees will offer 1000, 2000, and 3000-level courses.
  3. Bachelor of Science degrees will also offer 4000-level courses.
  4. Students must meet all prerequisites for selected general education courses.
  5. Each degree will have 5 to 10 required general education courses as stipulated in the program course sequences, and additional general education electives to the limits of the program.
  6. Bachelor of Science degrees will require one general education elective from each of the following areas:  
English  
Humanities  
Science/Math  
Social Science
- Three courses must be taken at the 2000-level or higher and three additional courses must be taken at the 3000-level or higher.
7. Associate of Science degrees will require one general education elective at the 2000-level or higher.

**Students in all AS and BS programs take the following five courses:**

- ENG1010** Composition and Language  
**MTH1010** College Math  
**COM1010** Speech  
**COM3010** Advanced Communications  
**FS101** Freshman Studies *on-campus*  
 [OR]  
**SS100** Strategies for Online Learning *online*

Additional required and elective choices are designated from the following list:

**English**

- ENG1020** Composition and Language II  
**ENG2500** World Literature  
**ENG2510** American Literature  
**ENG3010** Creative Writing I - Poetry  
**ENG3020** Creative Writing II - Fiction  
**ENG4010** Children's Literature  
**ENG4020** Women's Literature  
**ENG4030** Special Topics in Writing  
**ENG4040** Western and Non-Western Traditions: Contemporary Literature Since 1970

**Science/Math**

- BIO1010** Biology  
**BIO2010** Nutrition  
**BIO3010** Human Anatomy  
**BIO3020** Biotechnology  
**CHM1010** Chemistry  
**CHM2010** Chemistry of Materials  
**MTH2010** College Math II  
**MTH3010** Applied Trigonometry  
**MTH4010** Applied Calculus  
**MTH4100** Applied Statistics  
**PHY1010** Physics  
**PHY2010** Optics  
**PHY2020** Acoustics  
**PHY3010** Concepts in Modern Physics

**Humanities**

- ART1020** History of Art in Early Civilization  
**ART1030** Survey of Modern and Contemporary Art  
**ART2010** History of Popular Culture  
**ART2020** Real and Imagined Creatures in the History of Art  
**ART2100** The Afterlife in the History of Art  
**ART3010** American Art History  
**ART3020** Survey of Architecture

- ART3030** Theories of Modernism and Postmodernism  
**ART3040** Theories of Contemporary Drawing Applications  
**ART4010** African American Art  
**ART4020** Latin American Art  
**PHI1010** Ethics  
**PHI2100** Aesthetics  
**PHI2200** Logic  
**PHI3010** Applied Ethics  
**SPN1010** Elementary Spanish  
**SPN2100** Intermediate Spanish  
**SPN3100** Conversational Spanish

**Social Science**

- ECO1010** Economics  
**HIS1010** US History I  
**HIS1020** US History II  
**HIS2010** History of the 1960's - America  
**HIS2500** Western Civilization I  
**HIS2510** Western Civilization II  
**HIS2520** US History Since 1945  
**HIS3010** Pittsburgh in History  
**HIS3020** Women in History  
**HIS3030** World War II Europe  
**HIS3040** History of Sports in American Society  
**PS1010** Introduction to American Politics  
**PS2010** International Politics  
**PSY1010** Introduction to Psychology  
**PSY2100** Cross-Cultural Psychology  
**PSY3010** Cognitive Psychology  
**PSY3020** Theories of Personality  
**PSY3030** Abnormal Psychology  
**PSY4010** Organizational Psychology  
**SOC1010** Introduction to Sociology  
**SOC2020** Social Problems

**Transitional Studies**

- ENG095** Reading and Writing Skills  
**MTH099** Basic Mathematics  
**MTH100** Elementary Algebra

# GENERAL EDUCATION FACULTY

## **Maria Boada**

### **Department Chair**

Appointed a Member of Faculty in 1998  
M.S., Physics - Case Western University;  
B.S., Physics - Republic of Venezuela  
University.

## **Amber M. Epps**

### **Assistant Department Chair**

Appointed a Member of Faculty in 2007  
M.B.A., Management Information Systems  
Concentration - Point Park University;  
B.S., Business Administration/Com-  
puter Information Systems - Kent State  
University.

## **Jennifer Cooper**

### **Online Program Director**

Appointed a Member of Faculty in 2008  
M.S., Education, Higher Education Coun-  
seling - Youngstown State University;  
B.S., Secondary Education - Kent State  
University.

## **Douglas Anke**

Appointed a Member of Faculty in 1997  
M.Ed., Education/School Administration  
- Indiana University of Pennsylvania; B.S.,  
Secondary English Education, Magna  
Cum Laude - West Virginia University.

## **Margie Askins**

Appointed a Member of Faculty in 2006  
M.A., English - Western Carolina Univer-  
sity; B.A., English, Literature - Western  
Carolina University.

## **Alfred Basta**

Appointed a Member of Faculty in 2004  
Ph.D., Mathematics - University of  
Alexandria; M.S., Computer Science - Uni-  
versity of Alexandria; B.S., Mathematics  
- University of Alexandria.

## **Deborah Bentley**

Appointed a Member of Faculty in 2003  
M.A., Educational Technology and Instruc-  
tional Design - Michigan State Univer-  
sity; B.S., Secondary Education, Major:  
Computer Science, Minor: Math - Central  
Michigan University; A.A., Lansing Com-  
munity College.

## **Heather A. Bigley**

Appointed a Member of Faculty in 1997  
M.S.Ed., School Administration -  
Duquesne University; B.S., Chemistry  
- Gannon University; Certification in  
Instructional Technology, December  
2002; Pennsylvania state certification in  
chemistry and general science.

## **Diane Bowser**

Appointed a Member of Faculty in 1998  
Ph.D., Philosophy - Duquesne University;  
M.A., Philosophy - Duquesne University;  
B.S., Psychology/Philosophy - Slippery  
Rock University.

## **Kathryn H. Butler**

Appointed a Member of Faculty in 2006  
M.A., English Literature - The University  
of Arizona; B.A., English, with Honors -  
Lewis and Clark College.

## **Gregory Caicco**

Appointed a Member of Faculty in 2005  
Ph.D., Philosophy of Architecture - McGill  
University; M.Ph., Theory of Architecture  
- Cambridge University; B.Arch., Architec-  
ture (Professional) - Carleton University.

## **Paul Cheung**

Appointed a Member of Faculty in 2006  
Ph.D., Philosophy - Fordham University;  
M.A., Philosophy - Fordham University;  
B.S., General Studies - Portland State  
University.

## **Michele Cohen**

Appointed a Member of Faculty in 2004  
M.S., English/Education - Ohio State  
University; B.S., Education - Ohio State  
University.

## **Jeff Condran**

Appointed a Member of Faculty in 2005  
M.F.A., Creative Writing - University of  
Pittsburgh; B.A., English/Writing - Univer-  
sity of Pittsburgh.

## **Matthew Connor**

Appointed a Member of Faculty in 2006  
M.A., History of Art - University of York  
(UK); B.A., Integrative Arts - The Pennsyl-  
vania State University.

## **John Conway**

Appointed a Member of Faculty in 2007  
M.F.A., Creative Writing - Southern Illinois  
University; M.A., English Literature -  
Western Michigan University; B.A., English  
Literature - Ohio State University.

## **Kelly Coursey-Gray**

Appointed a Member of Faculty in 2004  
M.A., History of Art and Architecture -  
University of Pittsburgh; B.A., Art History  
- Allegheny College; Certificate, Digital  
Image Manipulation - The Art Institute of  
Colorado.

## **Jackie Cramer**

Appointed a Member of Faculty in 2007  
D.Sc., Information Systems & Com-  
munications - Robert Morris University;  
M.B.A., Business Administration - Clarion  
University of Pennsylvania; B.A., Account-  
ing - Seton Hill University.

## **Susan O. Crossley**

Appointed a Member of Faculty in 2005  
M.S., Psychology - Temple University; B.S.,  
Psychology - Temple University.

## **Michael Doliveck**

Appointed a Member of Faculty in 2001  
M.F.A., Fine Art - Bowling Green State  
University.

## **Walter Elder**

Appointed a Member of Faculty in 2006  
M.A., Mathematics - University of  
Pittsburgh; B.S., Applied Mathemat-  
ics - University of Pittsburgh; Instruc-  
tional II Teaching Certification, Secondary  
Mathematics Education - University of  
Pittsburgh.

## **Malvina Engelberg**

Appointed a Member of Faculty in 2005  
Ph.D., English - University of Miami; M.A.,  
English - University of Miami; B.A., Eng-  
lish - Florida International University.

## **Anne Erickson**

Appointed a Member of Faculty in 2001  
Ph.D., English Literature - Purdue; M.A.,  
English Literature - Purdue; B.A., English  
Literature & Writing - Fairfield University.

**Christina Fosbrink**

Appointed a Member of Faculty in 2007  
M.S., Multimedia Technology - California  
University of Pennsylvania; B.A., Com-  
munications - California University of  
Pennsylvania.

**Kathy Griffin**

Appointed a Member of Faculty in 1997  
Ed.D., Instructional Leadership –  
Duquesne University; M.Ed., Reading  
Specialist - California University of Penn-  
sylvania; B.S., Secondary Social Science  
- California University of Pennsylvania.

**William Hubert**

Appointed a Member of Faculty in 2006  
Peer Tutoring Coordinator / M.S.Ed., Ad-  
ministrative and Supervision - Duquesne  
University; B.S., Secondary Education  
(Mathematics) - Pennsylvania State  
University.

**Jennifer Hull**

Appointed a Member of Faculty in 2006  
M.A., History - University of Wisconsin-  
Madison; B.A., Liberal Studies - Vermont  
College.

**Barbara Kitcey**

Appointed a Member of Faculty in 2002  
Transitional Studies Coordinator  
M.A., Educational Praxis - Carlow Univer-  
sity; B.S., Elementary Education - Edin-  
boro University.

**Melinda Klingovsky**

Appointed a Member of Faculty in 2005  
M.S., Multimedia Technology - California  
University of PA; B.S., Business Adminis-  
tration - California University of PA.

**David Kokales**

Appointed a Member of Faculty in 2005  
M.S., Physics - University of Maryland;  
B.A., Mathematics/minor, Astronomy -  
University of Virginia; B.S., Physics - Uni-  
versity of Virginia. Adjunct physics profes-  
sor, Community College of Allegheny  
County. RF Engineer, ISCO International.

**Russell Kosarycz**

Appointed a Member of Faculty in 2005  
M.S., Computer Science/Object Oriented  
Languages - University of Pittsburgh;  
B.S., Engineering Psychology - Pennsyl-  
vania State University.

**Christina Kotoske**

Appointed a Member of Faculty in 2006  
M.A., Art History - University of South  
Carolina; B.A., History - Queen's College  
of Charlotte.

**Heather Leger**

Appointed a Member of Faculty in 2007  
M.A., English - Florida Atlantic Univer-  
sity; B.A., English and Art History (dual  
degree) - Florida Atlantic University.

**Frederick Lorini**

Appointed a Member of Faculty in 1978  
M.F.A., Printmaking - Ohio University;  
B.F.A., Printmaking - Cleveland Institute  
of Art.

**Richard Matvey**

Appointed a Member of Faculty in 1982  
M.A., Liberal Studies – Duquesne Uni-  
versity; B.S., Social Sciences - Indiana  
University of Pennsylvania.

**Darlene Mazak**

Appointed a Member of Faculty in 2007  
M.S., Secondary Education/Mathematics  
- Duquesne University; B.S., Elementary  
Education - Slippery Rock University.

**Meredith Moody**

Appointed a Member of Faculty in 2006  
Ph.D., Art History and Criticism - Stony  
Brook University; B.A., Art (Art History) -  
University of Central Florida; B.A., French  
- University of Central Florida; B.S.I.E.,  
Industrial Engineering - University of  
Central Florida.

**Joyce Oliverio**

Appointed a Member of Faculty in 2001  
B.S., Education/Math - Duquesne  
University; A.S., Liberal Studies - Commu-  
nity College of Allegheny County South  
Campus.

**Jay Oslakovic**

Appointed a Member of Faculty in 2007  
M.I.S.M., Information Systems - University  
of Phoenix; M.B.A., Management - North-  
ern Illinois University; M.S., Applied Math  
- Florida Institute of Technology; B.S.,  
Mechanical Engineering - Florida Institute  
of Technology.

**Robert Peluso**

Appointed a Member of Faculty in 1999  
Ph.D., Philosophy - Columbia University;  
M.A., English-Literature - Rhode Island  
College; B.S., Biology - Boston College.

**Stephanie Perry**

Appointed a Member of Faculty in 2005  
M.I.S., Duquesne University; M.B.A., Hu-  
man Resource Management - Duquesne  
University; B.S., Information Science  
Management and Business Administra-  
tion - Carlow University.

**Cathey Polly**

Appointed a Member of Faculty in 2007  
M.E., Mathematics Education - University  
of Central Florida; B.A., Education - Uni-  
versity of Central Florida.

**Diane Quartarolo**

Appointed a Member of Faculty in 2004  
M.A., Psychology - University of Nebras-  
ka-Lincoln; B.A., Psychology - California  
State University, Sacramento; A.A., Jour-  
nalism - Fullerton College.

**Karen A. Santelli**

Appointed a Member of Faculty in 2006  
M.Ed., Secondary English - Duquesne  
University; B.A., Journalism/Communica-  
tions - University of Dayton; Certified  
in Secondary English by the State of  
Pennsylvania.

**Kelley Shaffer**

Appointed a Member of Faculty in 2005  
M.S., Business Education - Robert Morris  
University; B.S., Mass Communication/TV  
and Radio Production - Southeast Mis-  
souri State University.

**Mike Soliday**

Appointed a Member of Faculty in 2007  
M.A., Business Education - Ohio State  
University; B.A., Business Administration -  
Ohio State University.

**Stanley J. Spewock**

Appointed a Member of Faculty in 2003  
M.S., Education - Duquesne University;  
B.A., History - University of Pittsburgh.

**Marjorie Stewart**

Appointed a Member of Faculty in 2008  
Writers' Center Coordinator / M.F.A.,  
Fiction Writing - University of Pittsburgh;  
B.A., English - Duquesne University.

**Rebecca Suhoza**

Appointed a Member of Faculty in 1999  
Ph.D., Psychology - Capella University;  
M.A., Psychology - Duquesne University;  
B.A., Psychology - Point Park University.

**Katie Talerico**

Appointed a Member of Faculty in 2006  
M.A., English Literature - University of  
Dayton; B.A., English - University of  
Dayton.

**Carmen Thomas**

Appointed a Member of Faculty in 2002  
M.A., Teaching - Chatham College; B.S.,  
Mathematics - Chatham College.

**Michele M. Thomas**

Appointed a Member of Faculty in 1984  
Online Advocate  
M.S., Professional Leadership, Training  
and Development - Carlow University;  
B.A., Communication - Carlow University;  
Communications; A.A.S., Westmoreland  
County Community College.

**Nancy Tosh**

Appointed a Member of Faculty in 2007  
Ph.D., Religious Studies - University of  
California, Santa Barbara; M.A., Sociol-  
ogy - University of South Florida; M.A.,  
Religious Studies - University of South  
Florida; B.A., Fine Arts - Flagler College.

**Elise M. Vandamia**

Appointed a Member of Faculty in 2006  
M.S., Counseling Psychology - Gannon  
University; B.A., Psychology - Penn State  
University.

**Mary Lou Westman**

Appointed a Member of Faculty in 2001  
M.A., English - California State Poly Uni-  
versity; B.A., English - LaVerne University;  
University of Gothenburg, Sweden.

**Catherine M. White**

Appointed a Member of Faculty in 2002  
M.S., Information Technology - DePaul  
University; M.B.A., Business Admin-  
istration - University of Phoenix; B.S.,  
Information Technology & Music Business  
- Elmhurst College.

**Teresa Williams**

Appointed a Member of Faculty in 2007  
M.S., Technical & Professional Communi-  
cation - Southern Polytechnic University;  
B.A., Communication Studies - Mercer  
University.

**Jialu Wu**

Appointed a Member of Faculty in 2000  
Ph.D., History/Economics - University of  
Pittsburgh; Graduate Certificate in Asian  
Studies - University of Pittsburgh; M.A.,  
History/Economics and Linguistics - Uni-  
versity of Pittsburgh; M.A., English and In-  
ternational Trade - Shanghai International  
Studies University, China; Certificate of  
Continuing Education in Management  
and Marketing - Robert Morris University.

Faculty Biographies listed online at [www.artinstitutes.edu/pittsburgh](http://www.artinstitutes.edu/pittsburgh) offer additional information including professional experience, awards, achievements, and certifications.

# GENERAL EDUCATION COURSE DESCRIPTIONS

## **ART1020 History of Art in Early Civilization**

This course is a history of art from Prehistoric/Tribal through the Baroque periods. The concepts, artists, works, and styles of the periods will be studied through the use of textbook, slides, videos, and projects. *4 credits*

## **ART1030 Survey of Modern and Contemporary Art**

This course is a history of art from Neoclassicism to contemporary art. Concepts, artists, works, and styles of the periods will be studied through the use of textbooks, slides, videos, and projects. *4 credits*

## **ART2010 History of Popular Culture**

The development of computer games and other forms of popular entertainment owe much to American myths, icons, heroes, and institutions as represented in American popular culture from the late nineteenth century to the present. Students examine the history of these art forms through examination of popular novels, films, radio programs, songs, and television. *4 credits*

## **ART2020 Real and Imagined Creatures in the History of Art**

This course will cover creatures both real and imagined and how they have been thought of and depicted by artists from early civilization to the present. This will allow students to investigate how artists from different time periods and cultures depicted the same topics or concepts. Stylistic differences, divergent mediums, and modern technology will be explored. This course will offer a comparative perspective to solve assigned studio problems. Prerequisite: ENG1010, ART1020 or ART1030. *4 credits*

## **ART2100 The Afterlife in the History of Art**

This course discusses the notion of the afterlife and how it has been thought of and depicted by artists from early civilization to the modern day. This will allow students to investigate how artists from different time periods depicted the same topic or concept in different styles and with different mediums. This course offers a comparative perspective to solve assigned studio problems. Prerequisite: ENG1010, ART1020 or ART1030. *4 credits*

## **ART3010 American Art History**

A comprehensive overview of the history of art in America from prior to Colonization through the present. This course offers a comparative perspective to solve an assigned studio problem. Prerequisite: ENG1010 and any art level 1000 or 2000 course. *4 credits*

## **ART3020 Survey of Architecture**

This course surveys American architecture from the eighteenth century to the present, examining visual, historic, and social significance. Emphasis is placed on construction detail and technique as well as measurement and engineering analysis. Prerequisite: ENG1010 and any art level 1000 or 2000 course. *4 credits*

## **ART3030 Theories of Modernism and Postmodernism**

This course is a comparative analysis of concepts important to the distinction between modernism and postmodernism. Through an examination of form and content distinguishable in works of various disciplines, students will critically evaluate artistic language that is expressive of modern and postmodern ideologies. This course primarily examines the visual arts (as painting, time-based media, and architecture) and will secondarily utilize non-visual texts (as literature and drama) for supportive analysis. Prerequisites: ART1020 or ART1030, and ENG1010. *4 credits*

## **ART3040 Theories of Contemporary Drawing Applications**

This course analyzes theoretical trends in contemporary drawing through the writings of artists and the discussion of their works. The course critically reviews different applications of drawing and compares traditional approaches with experimental modes. Students will discuss the work and theories of contemporary artists who engage in the application of drawing as a primary means of expression. Prerequisites: ART1020 or ART1030, and ENG1010. *4 credits*

## **ART4010 African American Art**

An introduction to the historical and social forces that shaped the works of American artists of African ancestry from the Colonial period to the present. The course will examine the roots, styles, content, and aesthetics of African American art. Prerequisite: Any art level 2000 or 3000 course. *4 credits*

## **ART4020 Latin American Art**

Achievements and issues in painting, architecture, sculpture, and other arts in Latin America from the Colonial era to the present. Prerequisite: Any art level 2000 or 3000 course. *4 credits*

## **BIO1010 Biology**

Students will learn real, everyday analogies about concepts in biology. Topics discussed will include the following: beginnings of life, genetics, evolution, living plants, animals, humans, ecosystems, and our planet and its special needs. *4 credits*

## **BIO2010 Nutrition**

This course centers on an explanation of the basic principles of nutrition and their relationship to health. The structure, functions, and sources of nutrients - including proteins, carbohydrates, fats, vitamins, minerals, and water - are discussed. Current issues in nutrition are reviewed, including dietary guidelines, energy balance, vitamin supplements, and food fads. *4 credits*

### **BIO3010 Human Anatomy**

Students will learn the basic human body structures and organ systems. The topics covered will include cells, tissues, the skeletal system, the muscular system, the nervous system, the cardiovascular system, the respiratory system, the digestive system, and the reproductive system. The organization and basic functions of each system will be discussed. Prerequisite: BIO1010. *4 credits*

### **BIO3020 Biotechnology**

Students will learn the basic applications of biotechnology that impact human health, agriculture, and the environment. Topics covered will include genes, proteins, genetic engineering techniques, genome sequencing, cell culture, biotechnology in agriculture, biotechnology in medicine, cloning, forensics, environmental applications, and the risks and regulations of biotechnology. Prerequisite: BIO1010. *4 credits*

### **CHM1010 Chemistry**

Students will learn basic chemical principles. We will discuss topics that will include the following: classification of matter, atomic theory, stoichiometry, aqueous solutions, gases, liquids, solids, energy, electronic structure of atoms, chemical bonding, equilibrium, acid and bases, and thermodynamics. Prerequisite: MTH1010. *4 credits*

### **CHM2010 Chemistry of Materials**

Interdisciplinary field involving the properties of matter and its applications to various areas of science. In materials science, rather than haphazardly looking for and discovering materials and exploiting their properties, one instead aims to understand materials fundamentally so that new materials with the desired properties can be created. This science investigates the relationship between the structure of materials and their properties. Prerequisite: CHM1010. *4 credits*

### **COM1010 Speech**

Students will develop and refine presentation skills focusing on compiling, organizing, and outlining research material in preparation for the assignments. Prerequisite: ENG1010. *4 credits*

### **COM3010 Advanced Communications**

The purpose of this course is to examine the theoretical and practical aspects involved in effective communication. The course will emphasize essential elements of communication in both personal and professional environments as well as identify and analyze efficient oral and written delivery techniques. Prerequisite: COM1010, ENG1010, AS - Successful completion of 75 credits, BS - Successful completion of 150 credits. *4 credits*

### **ECO1010 Economics**

In this course, the student will learn about standard microeconomic topics. Microeconomics studies the economic behavior of individuals and firms. The student will examine why firms maximize profits and consumers maximize satisfaction. Students will learn about competition, efficiency and market structure. *4 credits*

### **ENG1010 Composition and Language**

Students will be introduced to college-level writing processes, including theme, composition, and research. Students will adhere to standard conventions of written English. *4 credits*

### **ENG1020 Composition and Language II**

An extension of Composition and Language with an emphasis on the refinement of individual skills, writing styles and voices, and on research procedures. Selected readings in prose, drama, and poetry supplement the course and provide topics for discussion and written assignments. A series of short papers, including documentation, may be required. Prerequisite: ENG1010. *4 credits*

### **ENG2500 World Literature**

This course focuses on world literary selections. Topics include the critical evaluation of the literary genres: story, poetry, and drama. Prerequisite: ENG1010. *4 credits*

### **ENG2510 American Literature**

This course focuses on American literary selections. Topics include the critical evaluation of the literary genres: story, poetry and drama. Prerequisite: ENG1010. *4 credits*

### **ENG3010 Creative Writing I - Poetry**

Students will be expected to complete a portfolio of short and long poems. Poems must be of submission quality. The class will involve reading the work of professional writers, student writing assignments, in-class critiques, ongoing revision, and in-class presentation of student work. Prerequisites: ENG1020, and either ENG2500 or ENG2510 with at least a B in each course and recommendation of the English faculty. *4 credits*

### **ENG3020 Creative Writing II - Fiction**

This course will offer students the opportunity to explore the essential steps involved in writing, revising, and presenting their own fiction. In addition, students will be reading and critiquing the work of both their peers and professional writers. Prerequisites: ENG1020, and either ENG2500 or ENG2510 with at least a B in each course and recommendation of the English faculty. *4 credits*

### **ENG4010 Children's Literature**

A survey of 19th and 20th century children's literature, this course will examine the criteria of good literature, children's interests, and developmental stages related to books, various genres of children's literature, children's book awards, illustrators, and authors. The course will also provide students an opportunity to explore interdisciplinary applications related to the design field. Prerequisites: ENG1010, ENG1020. *4 credits*

### **ENG4020 Women's Literature**

A comprehensive historical overview of the female literary tradition in English with emphasis on works by 19th- and 20th-century writers. A critical study of how women have responded to culture through a variety of literary genres. Prerequisites: ENG1010, ENG1020. *4 credits*

### **ENG4030 Special Topics in Writing**

Varies on the selected topic. Prerequisites: ENG1010, ENG1020. *4 credits*

### **ENG4040 Western and Non-Western Traditions: Contemporary Literature Since 1970**

This course is designed to introduce students to the principles of literary and cultural criticism through the study of a range of prose fiction from the last thirty years of the 20th Century and the first decade of the 21st Century. The focus of the course is to identify and interpret the thematic and stylistic interests of Western and non-Western fictions from this period, paying special attention to the various ways of understanding or seeing (cultural, political, and psychological) that different cultures bring to the production of literature. By examining, discussing, and writing about these works, students will gain specific insight into a rapidly globalizing literary aesthetic as well as an understanding of modern critical literary analysis. Prerequisites: ENG1020, and either ENG2500 or ENG2510. *4 credits*

### **FS101 Freshman Studies**

Students will be oriented to policy and procedures of The Art Institute of Pittsburgh. This course will give students the skills needed to succeed at the college level. Students will be encouraged to develop an attitude of curiosity and inquisitiveness, a capacity for perspective and comparison, and an ability to think rationally and contextually. *Credits in this course will not satisfy any degree requirements*

### **HIS1010 US History I**

This course covers the period of American history from early Colonization to the end of Reconstruction (1877). Primary emphasis is on the English colonies and the period of nationhood. Prerequisite: ENG1010. *4 credits*

### **HIS1020 US History II**

This course covers the period of American history from Reconstruction (1877) to the present. Primary emphasis is on the 20th century. Prerequisite: ENG1010. *4 credits*

### **HIS2010 History of the 1960's - America**

This course provides an in-depth examination of the events, movements, trends, and people that occupied the days and years of the 1960's in America. Disillusionment of government, environmental concerns, civil rights, and women's rights were joined by the demand for gay rights. Fringe ideas of the 1960's were accepted by more mainstream Americans and found their way into American life and culture. A war began, our society evolved, and a president was assassinated as we withstood a British invasion and learned to love each other. Prerequisite: ENG1010. *4 credits*

### **HIS2500 Western Civilization I**

Covers the civilization of Ancient Greece, Rome, and the Near East, the Middle Ages, the Renaissance and Reformation, and early modern Europe (ancient Near East to 1648). Prerequisite: ENG1010. *4 credits*

### **HIS2510 Western Civilization II**

Covers European history from the 17th century through post-World War II. It includes political, economic, and cultural development such as scientific thought, the Enlightenment, Industrial Revolution, and World Wars I and II. Prerequisite: ENG1010. *4 credits*

### **HIS2520 US History Since 1945**

This course will provide an in-depth examination of U.S. history since 1945, including both the transformation of America's role in world affairs after World War II and the profound political, economic, and social changes in our domestic development. The course objectives will be met through lectures, discussions, videos, class projects, and outside assignments where students will explore selected documentary and firsthand source materials. Prerequisite: ENG1010, any HIS course. *4 credits*

### **HIS3010 Pittsburgh in History**

This course is a survey of the social, political, intellectual, religious and economic forces that have shaped the city of Pittsburgh. We will study the impact of industrial and technological growth on the economy and the environment in our city. Students will have the opportunity to tour historical sites. Prerequisite: ENG1010, HIS1010 or HIS1020 or HIS2520. *4 credits*

### **HIS3020 Women in History**

An overview of women's role in human history. It will outline the role of women in the past and discuss traditional expectations about individual values, gender roles, women's place in male-dominated spheres (politics), women's impact on culture and modern expectations about the role of women in society. Prerequisite: ENG1010, any HIS course. *4 credits*

### **HIS3030 World War II Europe**

This is a general course in the history of World War II. The war origins will be studied in some detail, moving from the reconstruction of Europe after World War I through the rise of fascist regimes which challenge the order. The factors of German expansionism will be explored, as will the political and social factors across the continent that limited resistance to that expansion. Attention will be focused on the political and social dynamics of the World War rather than the military struggle itself. Topics will include mentalities, occupation, resistance movement, propaganda, concentration camps and the Holocaust, diplomacy and the post-war settlement. The course will conclude with an analysis of the political and social implications of the war and the onset of the Cold War. Prerequisite: ENG1010, HIS1020 or HIS2510. *4 credits*

### **HIS3040 History of Sports in American Society**

This course follows the development of sports in America from the colonial times to the recent past. Over the course of the quarter, the transition from folk games to the modern age of spectator sports will be examined. Important to this transformation will be the changes in society, technology, and business. The course will also explore the changing definition and purpose of sport, the symbolism of sport, the way in which sport can unify and divide people, and the interaction between sport as a part of culture and society and its relationship to national historical trends. Prerequisite: ENG1010, HIS1010 or HIS1020. *4 credits*

### **MTH1010 College Math**

Concepts of algebra including linear and quadratic equations, polynomials, exponents, logarithms, and functions. Emphasis on graphical representations of functions. This course is designed to build an adequate background for the subsequent mathematics, science and business courses. *4 credits*

### **MTH2010 College Math II**

In this course you will discuss points that are represented in a coordinate system, formulas for figures in one, two, and three dimensions, points, directions, lines, triangles, polygons, conic sections, general quadratic equations and spheres. Prerequisite: MTH1010. *4 credits*

### **MTH3010 Applied Trigonometry**

A course to study trigonometric functions, right triangle trigonometry, identities, inverse trigonometric functions, trigonometric equations, and their properties. Analytic trigonometry and applications will be emphasized throughout the course. Prerequisite: MTH1010. *4 credits*

### **MTH4010 Applied Calculus**

This is a course in calculus as applied to business, economics and social sciences. The course will focus on the basic principles of limits, continuity, derivatives of algebraic, exponential and logarithmic functions, antiderivatives, the integral, and applications of the integral. Prerequisite: MTH1010. *4 credits*

### **MTH4100 Applied Statistics**

Introduction to statistical reasoning and its applications. The course will cover traditional statistical methods including sampling and experimentation, descriptive statistics, probability, normal distributions, estimation, and single sample and two sample hypothesis tests for means and proportions. Emphasis in understanding the relevancy of statistics in the design related fields. Prerequisite: MTH1010, ENG1010. *4 credits*

### **PHI1010 Ethics**

Ethics is the study of the age-old question, "How ought I to live?" Historically, this question has been answered in multiple ways and it is our task to acquaint ourselves with responses generated by various thinkers. The study of ethics is one major area of philosophy. The remaining areas are: 1. What is real? (metaphysics) and 2. What can I know? (epistemology). The answers to these latter two questions are bound up with our answer to the first. Ethics, in a sense, is "first philosophy." Our secondary task is to critically evaluate ethical theories while learning to apply them to everyday situations. Prerequisite: ENG1010. *4 credits*

### **PHI2100 Aesthetics**

Aesthetics is alternately defined as philosophy of art, philosophy of beauty, and philosophy of taste. All three definitions point to the ways in which we create, experience, think about, and write about the fine arts. Our readings this semester will explore various mediums, philosophical issues and the idea of taste in order to help you generate your own aesthetic theories. At semester's end you will have experienced a wide range of reactions to art and developed your own critical voice that can help you answer the question "What is art?" in a well-reasoned fashion. Prerequisite: ENG1010. *4 credits*

### **PHI2200 Logic**

Philosophy, literally "friend of wisdom," is a two-fold activity. Initially we think of the "reflective" discipline that attempts to address life's big questions about ourselves and our world, but there is also a "doing" component concerned with developing the ability to think critically and evaluate various responses to philosophical problems. This course focuses on the "doing" aspect, encouraging students to develop the critical thinking skills necessary to evaluate a wide variety of information.

"Logic is the study of the methods and principles used to distinguish good (correct) from bad (incorrect) reasoning" (Copi, 2). Since life in the "information age" of the 21st century demands that we sort through large quantities of data, some valuable - some worthless- it is necessary to acquire the critical thinking skills that allow us to easily distinguish the quality of information coming through various media channels (TV, radio, Internet, stock quotes, financial reports, proposals, grants, etc.). Logic teaches rudimentary reasoning skills that will help you refine your decision-making and information-sorting skills. This class requires at least two hours of study for every one hour spent in the classroom. Students will be expected to attend regularly and participate in class discussions. Prerequisite: MTH1010. *4 credits*

### **PHI3010 Applied Ethics**

Business ethics encompasses both the study of ethical theory and best practices in the organizational culture. Our course will examine the ethical foundations for decision making in the modern workplace by simultaneously taking a historical and contemporary case-study approach. Historically we will investigate the role of three types of ethical theories on contemporary business practices: character ethics, deontological theory and utilitarian theory. At the end of this course you will be able to evaluate organizational attitudes and practices using both classical and contemporary standards for moral conduct. Prerequisites: ENG1010, COM1010, PHI1010. *4 credits*

### **PHY1010 Physics**

Students will learn basic motion and force laws; principles of Newton's laws of motion; motion along straight and curved paths; weight; work, energy and power; impulse, momentum and impact; squash and stretch; waves and sound; and light and image formation. Prerequisite: MTH1010. *4 credits*

### **PHY2010 Optics**

This course will focus on the properties of light and elementary concepts in optics (both geometric and wave). Topics will include: Snell's law, polarization, interference, diffraction, lenses, and image formation. Prerequisites: MTH1010, PHY1010. *4 credits*

### **PHY2020 Acoustics**

This course will cover the physics principles that apply to audio systems and the human hearing sound. Topics include: sound, waves, electricity, magnetism, circuits, acoustics, system design, basic loudspeaker design, and human sound perception. Prerequisites: MTH1010, PHY1010. *4 credits*

### **PHY3010 Concepts in Modern Physics**

This course will review some basic concepts in modern physics including: Relativity theory, quantum properties, Schrodinger's equation, and some applications. Prerequisites: MTH1010, PHY1010. *4 credits*

### **PS1010 Introduction to American Politics**

This course is an introduction to American politics and government, focusing on political processes and institutions and on contemporary political issues. Prerequisite: ENG1010. *4 credits*

### **PS2010 International Politics**

This course provides a comprehensive overview of world politics, including the challenges of international relations. Topics also covered will include factors affecting international relations, power politics, and conflicting views of the organization of world peace. Prerequisite: ENG1010. *4 credits*

### **PSY1010 Introduction to Psychology**

The fundamental questions guiding this course are relatively simple. In what ways are we all alike and in what ways are we different? And why? Although these questions may be simple, the answers, as we shall see, are complex, interconnected, and too often invisible to the untrained eye.

Different families... different backgrounds...different sexes... different cultures...different ethnic groups...different ideas...different ways of looking at things...different behaviors...different values- how are we to understand this incredible diversity of human experience so that we can navigate successfully in an increasingly chaotic and shrinking world?

The intent of this course is to examine the psychological foundations underlying the identity of the "self," "identity," and "world view" in an effort to understand the differences that exist from culture to culture, from generation to generation, from family to family, from profession to profession, and from individual to individual. *4 credits*

### **PSY2100 Cross-Cultural Psychology**

This course will draw upon a growing body of cross-cultural research to examine the complex and subtle ways in which biological and cultural factors interact to influence such things as personality, identity, emotion, intelligence, gender, abnormality, etc. In what ways are we all alike? In what ways are we different? Why? We will explore child-rearing methods, worldviews, values, relationships, artistic expression, abnormality, healing, and other topics in an effort to provide a context for understanding the radical differences in behavior found in cultures around the world...and what those differences can tell us about ourselves. Prerequisite: PSY1010. *4 credits*

### **PSY3010 Cognitive Psychology**

Cognitive psychology attempts to show how we answer questions such as: how do we recognize our grandmother, a stop sign, or a giraffe? How do we remember what we learned in class last week, and how do we reason when we play games such as chess? It attempts to explain what the brain does while your mind is thinking. The goal of this class is to give you an introduction to questions, answers, and methods of cognitive psychology. Prerequisite: PSY1010. *4 credits*

### **PSY3020 Theories of Personality**

The study of personality deals with questions about what influences (internal and external, biological and learned) help determine our thoughts, emotions, and behavior. This course will review various representative theories from traditional psychoanalytic and trait theories to contemporary cognitive-behavioral investigations. Prerequisite: ENG1010, PSY1010. *4 credits*

### **PSY3030 Abnormal Psychology**

This course will examine the etiology, symptoms and treatment of mental disorders with special emphasis on cross-cultural comparison. The major categories of disorders found in the DSM-IV-TR will be discussed in the light of current research and clinical literature. The course will address the question of what we mean by "abnormal" behavior and the degree to which conceptions of "abnormality" have changed over time and are viewed differently across cultures. The course will also examine the relative contributions of biological and social factors in the development of different mental disorders and will explore why some disorders occur with greater frequency in some cultures than in others, while other disorders seem to occur with the same frequency everywhere. The course will also examine the research on certain "culture bound disorders" that are unknown in the West and what these findings have to teach us about our own diagnostic system. Prerequisite: ENG1010, PSY1010. *4 credits*

### **PSY4010 Organizational Psychology**

The study of individual and group behavior within organizations. The class will explore and apply psychological theories, processes and beliefs of behavior within an organization. Topics include hiring and personnel management, work place productivity factors, leadership, ethics, diversity in the workplace, and conflict resolution processes. Prerequisites: ENG1010, PSY1010. *4 credits*

### **SOC1010 Introduction to Sociology**

This course will introduce students to the concepts, theories, and methods of sociology. The aim of the course is to help students develop a better understanding of society and the world. *4 credits*

### **SOC2020 Social Problems**

This course examines problems in contemporary American society associated with family instability, health and disease, war, distribution of resources, substance abuse, gender role definition, prejudice, and discrimination will be addressed. Particular emphasis is given to societal definitions and perceptions of social problems and how groups define, experience, and attempts to solve these social problems. In addition, this course will develop students' ability apply the concepts, theories, and principles learned in the class to key issues faced in everyday life. Prerequisites: ENG1010. *4 credits*

### **SPN1010 Elementary Spanish**

This course will introduce Spanish through the study of the four language skills: listening, speaking, reading, and writing. The class will focus on communicative skills as well as basic vocabulary and grammar. Introduction to grammatical patterns and common vocabulary. Oral skills emphasized. *4 credits*

### **SPN2100 Intermediate Spanish**

Students will review and continue a more intensive study of grammar structures and vocabulary with integrated skills: listening, speaking, reading, and writing. This course is aimed for students who have completed two or more years of high school Spanish or the equivalent as determined by the department. Prerequisite: SPN1010 or equivalent placing. *4 credits*

### **SPN3100 Conversational Spanish**

This course offers intensive practice in the spoken language to develop the vocabulary and oral communication skills of the student with a background in intermediate level Spanish. Emphasis will be made on learning the correct pronunciation of Spanish sounds through oral practice and phonetic transcription. Prerequisite: SPN2100. *4 credits*

### **SS100 Strategies for Online Learning**

This course will familiarize students with the academic skills needed to succeed at the college level and in the online learning environment. Students will be encouraged to develop an attitude of curiosity and inquisitiveness, a capacity for perspective and comparison, and an ability to think rationally and contextually. The course will emphasize student's responsibility for a successful undergraduate education and the importance of being a life-long learner. Students will also be introduced to policy and procedures of The Art Institute of Pittsburgh and the Art Institute of Pittsburgh – Online Division. *Credits in this course will not satisfy any degree requirements. Minimum grade of C or better is required within three attempts. See admissions requirements for additional information.*

### **Transitional Courses**

#### **ENG095 Reading and Writing Skills**

This course emphasizes the study of basic competencies needed in order to perform satisfactorily in a college-level English course. Specifically, this includes grammatical, mechanical, and usage skills essential to produce competent paragraphs and essays. *Credits in this course will not satisfy any degree requirements*

#### **MTH099 Basic Mathematics**

This course emphasizes the study of basic competencies needed in order to perform satisfactorily in a college-level basic mathematics course. Specifically this includes concepts and applications of whole numbers, decimals, fractions, percents, the order of operations, and signed numbers. *Credits in this course will not satisfy any degree requirements*

#### **MTH100 Elementary Algebra**

This course emphasizes the study of basic algebraic concepts needed to perform satisfactorily in the college-level mathematics course. Specifically, this includes signed numbers, variables, exponents, equations, inequalities, graphing techniques, polynomials, factoring, rational expressions, and applications. Prerequisite: MTH099 or equivalent skills determined by the placement assessment; *Credits in this course will not satisfy any degree requirements*