

10/SPR Learning Communities and Selected Topics

Learning Communities



LAR-271-LC1 The Art of Math (6 credits)

Hart and Knobel T/TH 8:30-11:45 EA 252 cap 24

*This experience is a **single** course worth 6 credits that will satisfy the Doane Plan requirements for **ART-107 and MTH-108**. This is reflected in the fact that while students need to register for only LAR 271-LC1, for administrative purposes ART-107 and MTH-108 will automatically appear on their schedules and subsequent transcripts.*

Many works of art are rich in mathematical structure, and many mathematical objects utilize the elements and principles of art. This course investigates connections between art and mathematics. Students will utilize artistic design elements and mathematical modeling to create 2-dimensional and 3-dimensional artwork and will explore the complexities common to both.

LAR -271 LC2 Transformation: The many facets of Change (6 credits)

Levitov and York MWF 1-2:50 LI 152 cap 40

Elementary Education students should not enroll in this course.

*This experience is a **single** course worth 6 credits that will satisfy the Doane Plan requirements for **ENG-101/201 and BIO-101**. This is reflected in the fact that while students need to register for only LAR 271-LC2/3, for administrative purposes ENG-101/201 and BIO-101 will automatically appear on their schedules and subsequent transcripts.*

This course addresses the topic of change through explorations of the fundamentals of biological evolution and the portrayal of personal and societal transformation in literature and other media. Students will draw connections among the various interpretations of change, particularly through discussions and written reflections. Upon successful completion of the course, students will be able to: 1) describe the mechanisms and outcomes of biological evolution; and 2) analyze literary and other media depictions of transformations in order to compare and contrast fictional and biographical perceptions with scientific perceptions. (This course is not for majors requiring BIO 120 or 121).

LAR-271-LC3 Transformation: The many facets of change (6 credits)

Levitov and York MWF 1-2:50 LI 152 cap 40

Elementary Education students should not enroll in this course.

Same course description as above, but the writing curriculum will satisfy ENG-201 requirements.

LAR-271-LC4 IMPACT! Cliques that Made a Difference: Small Groups in History (6 credits)

McCown and Orsag MWF 10-11:50 CM 40 cap 30

*This experience is a **single** course worth 6 credits that will satisfy the Doane Plan requirements for **CMS-112 and HIS-106**. This is reflected in the fact that while students need to register for only LAR 271-LC4, for administrative purposes CMS-112 and HIS-106 will automatically appear on their schedules and subsequent transcripts.*

Through discussion, debate, and simulations students will develop and utilize small group communications skills. The topical subject matter of the course will be exploration and analysis of a series of historical questions and problems covering the Modern Period of European and World history (1815-2010).

Selected Topics

ART-271-1 Intro to Art Therapy (3 credits) Mueller M 6-9:00pm cap 20

This course will provide an introduction to the history and techniques of art therapy. Students will explore the creative process, developmental stages, and therapeutic effects of art making. Upon completion of the course students will understand art therapy techniques, identify therapeutic effects, and have hands on experience with a variety of media commonly used by art therapists.

BIO-371-1 Advanced Dissection (2 credits) Durham-Brooks F 2-3:50pm cap 8

This course will give students who have taken Advanced Human Anatomy the opportunity to deepen their study through cadaver dissection. After taking this course, students will know how to perform cadaver dissection, will increase their knowledge base in Human Anatomy, and will develop this knowledge into a more regional perspective of the human body. This is a unique learning experience that will benefit many students, especially those seeking careers in the medical fields. *Pre-requisite BIO-355*

EVS-371 The Earth, Climate Change, and Energy (3 credits) Soucek MWF 2-2:50 Cap 25

Most climate scientists agree that the Earth is currently experiencing a rapid warming trend caused by human-induced changes in the concentration of greenhouse gases in the atmosphere. Much of this greenhouse gas emission is due to the use of fossil fuels to produce electricity and provide transportation. This course will examine our current understanding of climate science and the role of energy and its impact on life and earth systems. Current energy-producing practices will be examined as well as technological alternatives to fossil fuels. The roles institutions have on climate policy, such as the Kyoto Protocol, will also be examined. Upon successful completion of this course students will demonstrate an understanding of basic earth systems as they relate to climate change, the natural and human-induced origins and impacts of climate change, and how societies are developing climate solutions.

HIS-371-1 Military History (3 credits) Orsag MWF 1-1:50pm cap 30

This course will examine ten famous, and historically important, battles from a variety of different eras and conflicts. The course will not only emphasize issues of weapons, training, morale, logistics, and tactics, but will also treat warfare within a broader social context.

INT-271-1 Egyptian Spoken Arabic (3 credits) El Mahalawy MWF 10-10:50am

In this course, the student studies the inflectional and syntactical patterns of Egyptian colloquial (spoken) Arabic, as it is the most famous spoken and understood Arabic dialect among the Arab countries. Learn how to communicate in daily life situations in any Arab Country and travelers language. The focus is on the speaking and listening skills. Cultural information is an important part of this course.

INT-271-2 Introduction to Arabic II (3 credits) El Mahalawy MWF 11-11:50am

A continuation of the Arabic language in spoken and written form; root and pattern system and use of the dictionary, culture and language for travelers. Open to all students and faculty who have back ground with the Arabic language and/or took Intro to Arabic I in the fall.

INT-371-1 The Contemporary Middle East (3 credits) El Mahalawy MWF 1-1:50pm

This course introduces students to the ethnic, religious, and linguistic diversity of the modern Middle East (broadly defined to include North Africa, Southwest Asia and Arab peninsula) by examining various groups, their origins, their recent history, their current status, and their future prospects. Particular attention will be paid to contemporary Egypt. Students will develop a project that will focus on contemporary issues in a specific country, to allow for a more in-depth understanding of the region overall. Open to all students and faculty.

PSY-371-1 Psychology of Women (2 or 3 credits) Lambert MW 11-11:50am cap 25

This course will examine topics and theories relating to the psychology of women and gender issues in society. The social construction of gender and gender bias in traditional research, theories and approaches in psychology will be investigated. Students may choose to enroll for 2 credits or complete additional research for 3 credits.

THE-371 Intro to Filmmaking (3 credits) McKercher/Anderson T/TH 9:30-10:45am GA 121 cap 10

This course enables participants to plan, design, script, produce, edit and present digital movies. Emphasis is on the creative process – observation, visualization, intuition, self-exploration, emotional response, inspiration, aesthetics, meaning, impact, purpose, and cultural context. It is about what students want to express as filmmakers and why, what they think film can and should be. This is all brought to bear through class discussion on the specific ideas they are originating and developing. There is a progression in the assignments towards more substantive project ideas and an exploration of various film structures and forms.