

Spring 2018 Experimental and Special Topics Course Descriptions

ARTH 394 Art of West Africa

3 credit hours

This course will combine lecture and open discussion in order to provide an introduction to African visual arts through thematic, cultural, and critical frames with a focus on West Africa. In addition, pertinent trans-Saharan connections with North Africa, African diaspora, and contemporary arts will be considered. We will explore the arts through a variety of contexts, including aesthetics, society, culture, religion, politics, gender, and performance. African arts are multidisciplinary and therefore we will study a variety of arts including, but not limited to oral history, music, poetry, and film. Students will learn the skills necessary to discuss the form, function, and meaning behind fundamental pieces of art.

CSCI 394 Linux System Administration

3 credit hours

The purpose of this course is to discuss the tasks that are expected from a system administrator. When working in business, government, or organizations, administrators need to manage servers, networks, databases, etc. We use UNIX/Linux as the underlying operating system because most enterprise systems have Linux installed. This course introduces the fundamentals of the Linux operating system. The course also discusses how to perform key administrative tasks. This includes managing users, storing data and backups, logging, and installing software packages. The course uses written assignments and projects to emphasize the concepts discussed during the lectures.

EGRG 394 Modeling and Scale Up

3 credit hours

Dimensional analysis, modeling and scale up of Engineering Systems. Prerequisite: MATH 235 and EGRG 321 Restricted to Seniors

FIN 494 Student Investment Fund

3 credit hours

The purpose of this course is to provide each student with real world and hands-on experience in security analysis and portfolio construction through the management of the Marietta College Student Managed Investment Fund. Class participants will collectively be in charge of the investment decisions of the fund, the overall portfolio composition, and will employ various financial models used to assess sector, industry and individual security strength/weakness in their decision-making. Each student will be required to perform the necessary quantitative and qualitative work, financial statement analysis, and present their research to all other fund members, faculty members, and invited guests each semester. Security selection will be based on the value investing philosophy.

MASS 301 Topic: Food, Media, Culture

3 credit hours

The Focus of this special topics course is nonfiction food writing in magazines, newspapers, books and film. We will discuss food as culture and the manner in which media representations figure in this dynamic. Interest in food politics, food preparation, and food-related health and environmental issues is reflected in the popularity of books by journalists such as *Fast Food Nation* and *The Omnivore's Dilemma* and magazine writing appearing in titles ranging from *Rolling Stone* to *The New Yorker*. Readings will cover food topics from farm to table, through writings by investigative journalists, policy analysts, restaurant reviewers, culinary experts, and documentarians.

MATH 394 Cybersecurity

3 credit hours

The history, threats, solutions and mathematics of cybersecurity will be covered. The current state of the art Elliptic curve cryptography with key exchange and link to prime numbers and clock arithmetic will constitute the "math heavy" part of the class.

MIS 394 Intro to GIS Mapping /Analysis for Humanities & Soc. Sciences

3 credit hours

This course will introduce students Geographic Information Systems by providing knowledge about mapping techniques, using relevant maps and data, and analyzing these data for solving problems. It is open to all students with basic computing skills, but the projects will be geared toward Humanities and social Science majors.

POLS 294 Law, Courts, and Justice**3 credit hours**

The course provides a survey of U.S. law and courts. Law is a method for resolving conflict through enforced solutions. In that framework courts make decisions affecting the lives of individuals, and those decisions sometimes affect policy more broadly. The course focuses on the actors, structure, and norms of the justice system in the United States.

PSYC 301 Topic: Science of Eating**3 credit hours**

This course encompasses the study of psychological and biological factors that govern eating behavior. Topics include taste preferences, food aversions, the regulation of hunger and satiety, food as comfort and friendship, eating as social ritual, and social norms of blame for food problems. Also examined are problems such as malnutrition, eating disorders, and the global obesity epidemic; the impact of food advertising aimed at children; poverty and food; and how the modern environment influences each of us and the food choices we make.

SMGT 481 Topic: Fundraising in Sports**3 credit hours**

Students will learn theories, processes, best practices, etc. when fundraising for sports organizations, including but not limited to booster clubs, corporate sponsorships, and individual giving at various levels of sport.

SPAN 294/394 Latin American Cinema**3 credit hours**

This course is an introductory study of Latin American societies through the lens of cinema. Through the examination of films from countries such as Argentina, Brazil, and Mexico, the largest film producers in the region, we will explore thematic issues related to complex socio-economic, political, historical, and cultural dynamics that have shaped these diverse societies. Among other things, we will discuss how films depict urban life and social relations. Issues of race and gender are directly relevant to our examination of how cinema comments on and attempts to modify how spectators self-identify. Crucial as well for our course will be the question of modernization, and the challenges of globalization for the region. The course will provide students with a panoramic view of Latin American societies as well as basic understanding of film language.

SPTM 294 Sports Medicine Down Under**3 credit hours**

This course will allow students to learn different medical techniques and cultural differences in the United States and other countries. It will also allow students to gain hands-on experience in Ireland. This class is linked to a study abroad trip. The class will leave the Tuesday following graduation for 14 days to Ireland. Students will participate in classwork on campus as well as some lectures in Ireland. Students may also be able to gain practical hours working with different clinics, teams, or hospitals. Additional costs besides tuition will be needed to pay for the trip.

THEA 214 Inter. Topics in Acting: Improv Comedy Workshop**3 credit hours**

This intermediate level acting course provides training in and explorations of physical and vocal acting methods. Students will engage in a range of performance activities inside and outside of the classroom in order to develop physical/vocal acting skills and continue establishing a personal methodology for crafting dynamic and emotionally specific characters onstage.

WRIT 194 Reflective Writing Workshop**3 credit hours**

This course introduces students to a creative way to discover inherent writing abilities, enjoy writing, track life cycles and trends, examine questions from multiple perspectives, provide writing practice without pressure that the writing must be perfect, explore personal ideas, learn to cope with stress through writing, and gain confidence in their abilities to write and think critically. Students will respond in writing to carefully selected prompts and offered guidance by the instructor on expressing emotions in writing and how to use negative emotions in moderation to overcome personal and professional obstacles by thinking critically and rationally about the writing. A textbook and workbook are required as are additional art and craft supplies. Students will write a final evaluative personal essay reflecting on changes experienced during the course.