

## Spring 2019 Experimental and Special Topics Course Descriptions

### **ARTH 394-01 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.

### **BIOL 294-01 Biogeography**

**3 credit hours**

This course explores the patterns of biodiversity in plants and animals across the globe by linking climate, soils, geology and disturbance to ecological communities.

### **CSCI 394-01 Game Development**

**3 credit hours**

This course provides an introduction to designing and implementing games using an innovative game engine. Students will learn how to implement different game genres using object-oriented programming. Students will also explore key game components such as the user interface, network connectivity, and audio. A group term project will be assigned, where students will develop and present their own game.

### **EDUC 194-20 Mental Health Issues**

**1 credit hour**

This course will provide an overview of the signs and symptoms of various mental health conditions. Upon completion, the student will gain 3-year certification from the National Council on Behavioral Health. The adult Mental Health First Aid course is appropriate for anyone 18-years and older who wants to learn how to help a person who may be experiencing a mental health related crisis. Topics covered include anxiety, depression, psychosis, and addiction

### **FIN 494-01 Student Investment Fund**

**1 credit hour**

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.

### **HIST 294-20 Museum Studies**

**3 credit hours**

Survey of how museums work, including exhibit creation, collection care and management, public and school programs, and administration. Museums have histories and are cultural institutions in their communities; participants will also explore those contexts. Since most museums in the area and throughout Ohio are about history, related topics such as historic preservation and the wider field of public history will also be addressed. Course work will emphasize real-world applications such as grant writing, museum label composition, artifact conservation, and publications. Field trips to museums and historical sites are also required.

### **HIST 394-01 The Ways of War: Conflict and Violence in American History** 3 credit hours

This is a topical course that explores the development of American civilization through the lens of warfare, conflict, and violence from the seventeenth century to the modern day. Several topics – the Revolutionary War, Civil War, and the War of Terror – will examine how the sophisticated use of violence and conflict were used as methods of cross-cultural negotiation. The aim is to develop an understanding of how a variety of forces – economic, cultural, military, political – have shaped the history of the United States.

**HIST 394-02/03 Colonial America****3 credit hours**

This course covers the diverse human experiences of people from Europe, Africa, and the Americas who interacted in Colonial North America in the fifteenth through eighteenth centuries. Focusing on the profoundly different ideas, cultural practices, religion, and politics that existed during this time period, an emphasis is placed on analyzing how both native and newcomer struggled to inhabit a shared new world where similarities and differences oftentimes had catastrophic consequences. Students will build a foundation for understanding many of the complex human relationships that still affect contemporary America, such as slavery, racism, and native land rights. It will also cover the many characteristics that Americans take pride in today, such as democracy, religious freedom, and capitalism.

**MATH 194 Business Calculus****4 credit hours**

This course is intended for students majoring in economics and land and energy management. The topics covered will include functions, graphs, limits, exponential functions, logarithmic functions, differentiation, and integration. The main focus will be on applications to business.

**MUSC 194-01 Introduction to Vocal Performance****3 credit hours**

This course focuses on the fundamental of vocal performance through the development of critical listening, musical literacy, stage etiquette foreign language diction and accurate execution of vocal technique. Performance techniques include the development of proficiency in singing beginning level literature in Italian, French, German and English. The lectures given throughout the semester will adequately prepare you for a future in Vocal Performance.

**MUSC 394-01 New Music Ensemble****1 credit hours**

The New Music Ensemble is a select instrumental ensemble requiring an audition. The ensemble provides the opportunity to rehearse and perform high quality contemporary chamber literature in an advanced environment.

**MUTH 194-01 Observation & Assessment****1 credit hours**

This course focuses on developing observation skills and assessment competencies for a variety of populations. Students will practice implementation of standardized and therapist-devised assessments to appropriately measure and monitor progress and evaluate efficacy of music therapy interventions being utilized with specific populations.

**PETR 394-01 Applied Reservoir Simulation****3 credit hours**

Understanding reservoir simulation along with the use of commercial and free reservoir simulation softwares. Reservoir description, creating reservoir model, production forecasting and optimization, waterflooding, economic analysis and decision making.

**PETR 494-01 Organic Shale Evaluation & Development****3 credit hours**

This course will cover the fundamentals of formation evaluation, drilling, and completion operations of organic shale plays. The course designed for students who are interested to get jobs in organic shale plays in general. The contents of the course will cover geology, petrophysics, geochemistry and geomechanics of organic shale reservoirs. In addition, the course will cover drilling pads and hydraulic fracturing. Finally, the course will cover economics evaluation of an organic shales.

**PHIL 294-01 Evil and the Holocaust****3 credit hours**

Introduction to some of the most movingly accessible accounts of the Holocaust as the singular abyssal event of recent history. Philosophical accounts of the nature of evil in theory and practice will be covered throughout the semester. Historical and literary texts, including survivor accounts, will be taken up mostly in order of publication. Including World at War (videos), Sophie's Choice (text and video), Shoah (videos), Maus (graphic novel), and weekly philosophical readings on the Holocaust as a unique event and the related difficulties it presents to our understanding of it.

**PHYS 194-01/02 DIY Manufacture****3 credit hours**

An introduction to tools and ideas for building highly customized and individualized things (Do-it-yourself making). This class offers students hands-on experiences in product design, fabrication, and refinement. Skills covered include idea conception, computer assisted design, microcontroller programming, and 3D printing. Students will assemble their own 3D printer to learn some ideas and skills as well as enable production of their other designs. Three hours of supervised workshop activity per week.

**POLS 294-01 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 394-01 Sensation and Perception****3 credit hours**

This course will present the physiological and cognitive basis for the study of sensation and perception in humans. Topics of investigation will include (but will not be limited to) the visual, auditory, haptic, gustatory, and olfactory senses. Philosophical discourse regarding differences between perception and sensation will accompany the descriptions of the neurophysiological pathways for these topics.

**SPAN 294/394-01 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.

**WRIT 094-01 Accelerated Writing and Reading****3 credit hours**

This course provides a supplemental instructional environment for WRIT 105. It is designed for students whose test scores determine a need for additional assistance in writing and reading skills (i.e. those who would currently place into a WRIT 060). Writing and reading tasks in WRIT 094 help students in better understanding material presented in WRIT 105.

**COMM 380-20 Top: Health & Media****3 credit hours**

With the upsurge of popular television shows like “Grey’s Anatomy,” “House,” and “Private Practice” and direct-to-consumer pharmaceutical advertising, health messages are often viewed as being overwhelming, sensationalized, and confusing. This course is designed to help rectify the dangerous and destructive myths associated with media and health by teaching principles of health communication and health education. In other words, the purpose of this course is to set out a way of viewing health messages that is different from the way our media-driven society portrays it by looking at techniques, theories, and practices of health communication and media criticism.

**ENGL 362-01 Top: The Rise of Crime Fiction****3 credit hours**

In this course, we will examine the Whitechapel murders that plagued London from April 3, 1888-February 13<sup>th</sup> 1891 with a special focus on connections between crime fiction already in existence as well as the murders’ influence on fiction afterwards and into the modernist period. We will be particularly interested in ways in which a rhetoric already existed (thanks to the sensational genre) in which to frame the murders and characterize the murderer, thus the publication and staged productions of *Dr. Jekyll and Mr. Hyde* will serve as our jumping off point. Of specific interest, will be the ways in which the mass media of the time (and popular periodicals like the *Illustrated London News*) helped to perpetuate this sensational rhetoric, thereby creating a Jack the Ripper *character* that, in turn, shaped the public’s outcry and fears, and perhaps, manipulated and even hindered Scotland Yard’s investigations.

**MUSC 332-01 Top: Opera Literature****3 credit hours**

The primary objective of this course is to further the working knowledge of the operatic repertoire. Each person will be expected to polish the skills needed to prepare for and to teach a repertoire class.

**PSYC 301-01 Top: Cultural counseling****3 credit hours**

This course is an examination and application of the role of culture in the helping professions. It focuses on the need for professionals to examine their own feelings and attitudes toward diverse populations, and examines strategies for developing cultural competency. The course will also expose students to culture specific considerations when working with people from a variety of cultures and sub-cultures.

**PSYC 301-02 Top: Addictions****3 credit hours**

This course is designed to provide students with an introduction to the field of Addictions Counseling. The course will examine theories of addiction, Counseling procedures and strategies, including group process and techniques, assessment and diagnosis of addiction, pharmacology of substances, counseling the relationships of addicted people, treatment planning, legal and ethical issues regarding chemical dependency, and prevention strategies. Students will be exposed to prevention and early intervention strategies as well as the treatment methodologies common the field of addictions.

**PSYC 601 Top: Moral Psychology****3 credit hours**

Everyday, we make moral judgments and choices. We ask whether we should buy fair trade coffee, animal-free meat, or diamonds from Africa. In this class, we will study how and why we make these judgments. Are they the result of rational consideration or intuition? Are they local or universal? We will read a variety of articles and have lively discussions to achieve the goal of better understanding the strange and hyper-moralizing animal known as homo-sapiens

**SMGT 481-01 Top: Women in Sports****3 credit hours**

This special topics course stemmed from Brittany Wagner's visit in Spring 2018 and will focus on the history of women in the sport industry, the influence they have had, and the future of the sport industry. Title IX legislation, implementation, and implications will be a focus of the course, as well as trailblazers in the industry, and reviewing documentaries and reports on certain topics related to women in sport.

**THEA 214-01 Top: Stage Combat****3 credit hours**

This intermediate level acting course provides an overview of stage combat with intensive focus on the fundamental basics of unarmed, quarterstaff, and single sword techniques and moving into violent scene study work in rehearsal and performance. Students will engage in a range of performance activities inside and outside of the classroom in order to develop combat skills and begin establishing a personal methodology for approaching violence onstage. The course assumes students have different skill and ability levels upon entering and challenges students to make conscientious and steady progress from that point.

**THEA 247-01 Top: Projection Design****3 credit hours**

This intermediate level technical and design topics course will provide an overview of the technology and techniques used in the creation and display of visual images on stage. While the experts in the field have decided on "media design", the older, but more recognizable title of "projection design" will be used for this course. The projected image has been used for years in theatre to create visual scenery and lighting effects that integrate into the physical world of the stage. This course will cover the two major aspects: design and technology. The design portion of the class will address the creation of digital media and its appropriateness to a theatrical script. The technology portion of the class will address the specific equipment used to "project" images, from digital projectors to LED video walls, and the equipment that controls it.

**THEA 350-01 Top: Gay Drama****3 credit hours**

This course provides an in-depth examination of dramatic literature written by homosexuals and/or dramatic literature significantly concerned with issues related to homosexuality, gender, identity, and queer experiences both inside and outside of majority cultures. The plays studied in this course are by American and English playwrights from 1890 to present. The course assumes students possess different backgrounds relative to the materials under investigation as well as different reading and analytical skills when approaching dramatic literature and its historical and performance contexts. The course challenges students to expand their understanding of the diversity of human experience and to make conscientious and steady skills acquisition progress.

NOTE: Interested students should be aware that the works examined use graphic language and adult situations that some may regard as shocking, disturbing, or offensive. Why such elements recur in gay drama will be a discussion topic during the semester.