FALL 2019 NEW COURSES & DESCRIPTIONS

BU-414 Survey of Taxation

This course covers the fundamentals of taxation in four parts. Part I provides an overview of the taxes imposed by each major US jurisdiction (federal, state and local), with some topical discussions of international taxes. Part II covers tax law development, regulation, enforcement, and evaluation. Part III describes the taxation of individuals under the federal income tax laws, including the taxation of sole proprietorships. Part IV covers the federal income taxation of corporations, s corporations, and partnerships.

CE-273 Online Information Research Methods for Civil Engineers

This course covers the basic concepts and skills of information literacy, the research process, critical thinking skills, and ethical aspects of information. Cadets are introduced to the characteristics, the formats, and the organization of information, especially the structure of the Web and its components, the Deep Web, the Dark Web, and the Surface Web. In hands-on lab sessions cadets will become expert users of the advanced search options of Google, Duck Duck Go, and other search engines and the Preston Library databases. No prerequisites.

CE-479 Hazardous Waste Treatment and Site Remediation

Scientific principles for treatment of hazardous waste and remediation of contaminated soils and groundwater. Technologies of containment systems, monitoring devices, and methods to minimize, transform, destroy, detoxify and eliminate the hazardous components of wastes. Scientific applications of physical, chemical, and biological processes necessary for the treatment of industrial and municipal wastes. Contemporary issues behind solid and hazardous waste generation and regulatory standards. Prerequisite(s): CE 321.

CHI-305 Business Chinese and Culture

This course provides an introduction to the Chinese language typically used in business settings. It prepares students to the use of Chinese in specific business-related contexts and helps them develop a better understanding of China’s economy and society. Examples of various topics include business practices (business letters and resumes, job search and interviews), trade and advertising, major Chinese companies/brands, multinational companies, and global markets. Students will be exposed to authentic materials such as newspaper and magazine articles, video clips, and films, and will be guided through a variety of communicative activities in class such as problem-solving tasks, discussion and debate. Prerequisite: CHI 202 or the equivalent.
**EC-270  Quantitative Methods for EC**

A study and application of the quantitative analytical tools and concepts used in solving economics and business problems. The course emphasizes the use of data and software to illustrate and quantify economic and business relationships in order to better choose and assess leadership decisions. Prerequisite(s): MA-101 & MA-102 or MA-123 & MA-124 or MA-125 and MA-126.

**ERH-379X  Art of Medieval Europe**

This course focuses on the art of Medieval Europe (roughly 800 – 1400 CE) and how it relates to broader cultural trends of the era. It considers a number of questions, including: How do we describe the art produced during this time period? Does medieval art have a set of unifying characteristics, or can we identify qualities unique to specific geographic areas and time periods? What functions did the art of this period hold for the maker, the commissioner, and the viewer? How did aesthetic ideas reflect other concerns, such as those related to religion or politics? In order to engage with these questions, cadets will study major achievements in architecture and the visual arts from diverse geographic areas through analysis of primary source documents, scholarly articles, and the images themselves. Prerequisite(s): ERH 102, WR-102 or EN-10 with a minimum grade of C.

**HI-270X  Imperial China**

A broad introduction to the rise and fall of Chinese economic, cultural, and military power from the Bronze Age (about 1500 BCE) to the late imperial period (about 1800 CE). For most of the past two millenniums, few states could match the wealth and power of imperial China—yet, by the nineteenth century, the system was crumbling under internal and external pressure. Why did China evolve this way? An appreciation of the history of imperial China is necessary for thinking about the “rise” of China in the twenty-first century. No prerequisites. NOTE: Civilizations & Cultures Course.

**HI-271  Borderlands History: US-Mexico**

This course is an introduction to the concept of “borderlands” history. It will be centered on the study of the Southwestern U.S-Mexico region from the colonial period to the present, with special emphasis on topics of ethnicity, race, and gender. Despite its North American focus, students will investigate other borderland regions of their choosing to broaden their knowledge of similar places around the globe.
HI-371  Mideast Nationalism, 1870-1945
This methodologically intensive course examines the period of profound political, ethnographic, and ideological transformation in the Middle East through the lens of nationalism. The emergence of Turkish nationalism, coupled with the partitioning of the Arab Middle East into European-dominated “mandates” after World War I, destroyed the older pan-Islamic and supra-national framework of the Ottoman empire. The region’s Arab elites embraced the nationalist idea as an alternate organizing political principle that remained in tension with Pan-Arab ideals, all of which were further complicated by increasing Jewish migration into the region linked to the growing Zionist movement. Prerequisite(s): HI Majors Only, HI-200 with a minimum grade of C. Non-HI Majors require instructor approval. NOTE: Method Intensive Course

HNS-386W  The Science of Mindfulness
This seminar allows students to engage with current scientific literature in mindfulness studies. Research from a range of fields including neuroscience, immunology, physiology, and epigenetics will provide a foundation to begin exploring how the body and brain adapt as a result of various contemplative practices. NOTE: Honors Program Cadets Only

IS-371  Intelligence Successes and Failures in Recent US History
This course examines intelligence as an instrument of state power and as an element of comprehensive national strategy in the context of some of the ways it has been applied and misapplied in helping achieve US security policy goals. Students will learn through exploration of selected major intelligence efforts over the past 80 years how intelligence collection, analysis, and covert operations have helped and hindered American strategic decision making and the advancement of key US national interests, as well as some of the ways that intelligence officers and policymakers have worked well together or complicated each other’s efforts.
Why do people move across international borders? Do people have preferences for destination countries? How are these patterns different when migrants move voluntarily versus when they are forcibly displaced? What are the aims of immigration policies, restrictive or expansive, and are they effective? On what basis are border controls justified? What role do international actors play in the politics of migration? This course explores these questions by examining the causes of migration through historical and contemporary perspectives. We will cover topics such as economic mobility, government engineered migration, refugee crises, and human trafficking. We will discuss the consequences of such global migration flows and how states and other global actors respond.

**PE-274 Human Anatomy**

This lecture and lab course focuses on the basic structure and function of the human body. The content includes the entire musculoskeletal system of a virtual human cadaver. Emphasis is on osseous anatomical features, skeletal muscles, tendons, ligaments, nerves, and blood vessels that supply the skeletal muscles. Detailed consideration of basic cellular processes, skeletal, muscular, and nervous system anatomy and physiology will be addressed. The laboratory component supports the lecture and requires student participation in virtual human dissection. Prerequisite(s): BI 101 or BI 111 with a minimum grade of C.

**PE-276 Boxing Fitness**

This is an activity course designed to expose cadets to strategies for improving fitness parameters relating to boxing. In this course, cadets will complete workouts aimed at enhancing cardiovascular endurance, strength, power. Although not the primary goal of this course, boxing skill/technique will also be emphasized and developed. Workouts will consist of boxing-specific exercises as well as cross-training.
PY-270  Thermal-Fluid Sciences

This is a first course in thermal-fluid sciences for undergraduate students. The objective is to cover the basic principles of thermodynamics, fluid mechanics and heat transfer. Diverse real-world examples are presented to give students a feel for how thermal-fluid sciences are applied in practice. By emphasizing the physics and physical arguments students are able to develop intuitive understanding of thermal-fluid sciences. Any cadet interested in a Navy commission should consider this course. This course is intended for majors other than ME. Prerequisite(s): PY 161 or PY 121

SP-470  Translation & Interpretation

In this task-based course, cadets will be introduced to the theory and praxis of translation and interpretation beyond its merely linguistic dimension. This course is not intended to create industry-ready practitioners but rather familiarize cadets with the cultural nuances of translation/interpretation. Prerequisite(s): Two 300-Level SP Courses.