

Descriptions of New, Experimental, Revised and Slot Courses to be Offered – Spring 2006

Amst 388/Engl 339 Experimental: Literature of Terrorism

This interdisciplinary course will examine selected 20th-century works upon the subject of terrorism, with special emphasis upon the period since 9/11/01. Many texts on the syllabus will be fictional (novels, films, electronic media), but a number of theoretical and non-fiction readings also will be considered. Students will be expected to undertake a major research project upon contemporary reactions to and representations of terrorism. 3(3-0)

Biol 288 Experimental: Disease & Developing World

An examination of the biology of disease in developing countries in Africa, Asia, Latin America and the Caribbean. This course will explore the biology of infectious diseases and their influences on history and culture of these regions as well as the social and economic impact of disease for contemporary societies. Topics addressed will also include prospects for change through current scientific research on treatment and control. Not available for credit for students who have taken Biol 202 or Biol 342. Prerequisites: Biol 117 and Biol 119. 3(3-0)

Comn 391 Seminar: Issues in Communication "The Rhetorical Presidency"

The symbolic dimension of the presidential office has grown significantly since, at least, the time of Franklin Roosevelt. The purpose of the seminar is to explore the rhetorical practices associated with the modern American Presidency. The rhetorical obligations of the Presidency, the symbolic expression of national ideals, the purposeful development of an image of office, the manipulation of a public persona, and the use of message strategies to cope with issues and crises encountered in the modern Presidency are among the topics of the course. Exploring qualitative research found in the field of Communication is an important feature of the course. Prerequisites: COMN 135 and one 300-level communication course or permission of the instructor. 3(3-0)

Csci 240 Foundations of Algorithms

Develops fundamental methods of inquiry for studying algorithms, specifically mathematical analysis of performance and correctness, formal tools for algorithm design, and experimentation. Specific topics include the use of induction and recurrence relations in algorithm analysis; design from preconditions, postconditions, and loop invariants; and the role of the scientific method in computer science. Prerequisites: CSCI 142 (may be taken concurrently) or permission of instructor. Credits: 4(3-2)

Cdsc 528 Augmentive and Alternative Communication (AAC)

This course will provide an in-depth exploration of the range of augmentive and alternative communication (AAC) applications available for individuals who are not able to communicate verbally as the result of a developmental or acquired disability. Detailed assessment procedures and intervention strategies will be presented which address such areas as vocabulary selection, page layout and organization, symbol assessment and selection, the range of access methods and the unique intervention challenges of each, positioning considerations and switch assessment strategies. The students will also experience a wide range of commercially available electronic communication devices ranging from simple to complex, and will have an opportunity to program and use some of them. Additionally, strategies and procedures required to fund electronic communication devices will also be addressed. 3(3-0)

Educ 488 Multicultural Perspectives in Children and Youth through Literature

This course will examine issues of identity formation in children and youth through reading memoirs and novels of childhood and youth from different cultures and different times, examine the professional literature on identity formation, read and apply literary criticism of works written from multicultural perspectives, and examine the significance of the readings to educators and others interested in deepening their understanding of diversity through literature.

Engl 142 Literary Forms: Murder Mysteries

This is an intro to the genre, with an emphasis on gender and physical violence -- violence both of the murders and by the detective figures. We start with the traditional private-eye (Spenser) and end with two conspiracy theories: Crichton's eco- terrorism, *State of Fear*, and Brown's, *The Da Vinci Code*. Counts for Women's Studies credit. 3(3-0)

Engl 142 Literary Forms: The Classical Hollywood Cinema

This course will survey the history of films made in Hollywood from its consolidation of power in the 1920s through the collapse of the studio system in the early 1960s. We will not only watch so-called "greats" of Hollywood of yesteryear, but consider Hollywood's aesthetic developments/tendencies, the role of stars/the star system, and the ideological implications for the way that Hollywood made (or, perhaps, still makes) movies. 3(3-0)

Engl 222 Expl-Ren: Myth & Math in Love Poetry

We expect classical myths in love poetry, but not Pythagorean mathematics. We will discover that Renaissance poets used math, alchemy/chemistry, cartography, art, Egyptology, geometry, astronomy, and architecture in their love poems. Looking at both gay and straight poems, we will argue about just how edgy things were in Shakespeare's day. 3(3-0)

Engl 237 American Voices: Asian American

This course will be an introduction to Asian American Literature, focusing primarily on the immigrant experience and the stories of first- and second-generation Americans. Readings will include authors from Chinese-, Japanese-, Korean-, South-Asian- and Filipino-American backgrounds. We'll also consider texts from a variety of genres: the novel, memoir, poetry, film, drama, essay and short story. 3(3-0)

Engl 324 British Novel: Contemporary British Fiction

This course examines a range of authors, trends, and movements in British fiction written after World War II. Authors likely to be included are: Martin Amis, Pat Baker, Julian Barnes, Penelope Fitzgerald, Penelope Lively, Doris Lessing, Salman Rushdie, and Barry Unsworth. 3(3-0)

Engl 339/Amst 288 American Ways: Literature of Terrorism

This interdisciplinary course will examine selected 20th-century works upon the subject of terrorism, with special emphasis upon the period since 9/11/01. Many texts on the syllabus will be fictional (novels, films, electronic media), but a number of theoretical and non-fiction readings also will be considered. Students will be expected to undertake a major research project upon contemporary reactions to and representations of terrorism. 3(3-0)

Engl 358 Major Author: Henry James

Henry James is considered one of the finest writers the United States has produced. In this section of ENGL 358 the works of James will be explored through a reading of several of his novels and some shorter fiction and nonfiction writing. The class will also examine several films which have been based on major works of Henry James. 3(3-0)

Engl 358 Major Author: Whitman & Dickinson

The extraordinary poetic accomplishments of Walt Whitman and Emily Dickinson are explored in the context of their biographies and times. 3(3-0)

Engl 390/Intd 210 Special Topics: Film Noir

A number of American writers have produced works that are regularly studied in the academy. English 390 will provide students an opportunity to study other, less-famous works by the authors of these "standard" texts, offering a fresh perspective on their creative imagination and literary achievement. 3(3-0)

Engl 394 Senior Seminar: Renaissance Drama & Religion

Renaissance Drama and Religion will examine selected works of Shakespeare, Marlowe, and other Renaissance dramatists in the context of the theology and politics of religion in the late sixteenth and early-seventeenth centuries. In addition to reading plays by these writers, we will read selections from Renaissance religious texts, including works by Calvin, Stubbes, Hooker, and Donne. Controversies that we will discuss will include iconoclasm and theatre; anti-theatrical prejudices; the relationship between theatrical representation and sacred ideas; and connections between the emergence of drama and Renaissance Protestantism. 3(3-0)

Fren 365 Francophone Women Writers

Representative works by francophone women writers of Europe, Africa, and Québec will be studied in relation to gender roles, sexuality, politics, class, and race. Prerequisites: FREN 301 & 302. 3(3-0)

Geog 388 Cultural Geography

This course explores critical developments and debates in cultural geography and introduces students to empirical research in the field. A sub-field of human geography, cultural geography focuses on the impact of human culture, both material and non-material, upon the natural environment and the human organization of space. This course fills a need within the Geography curriculum to diversify and more regularly deliver advanced-human course offerings. Prerequisite: Geog 102 or permission of instructor. 3(3-0)

Geog 388 Experimental: Pyrogeography

This course explores the spatial and temporal patterns of wildfire in the United States, emphasizing the West. The emphasis is on physical geography, but content crosses over into human geography through discussions of pre-EuroAmerican fire and the evolving culture of wildfire perceptions and policy in the United States. This course fills a need within the Geography curriculum to diversify and more regularly deliver advanced-physical course offerings. Prerequisite: GEOG: 110 (Physical Geography) or permission of instructor. 3(3-0)

Geog 388 Experimental: The Geography of Sub-Saharan Africa

A systematic analysis of Sub-Saharan Africa's changing landscape, including the study of culture, social well-being, population, urbanization, environment, politics, and economics. The course will also focus on post-colonial development issues associated with globalization and regional integration, with special attention to issues of equality and culture change. Current events will be placed into a locational context in an attempt to understand the interrelationships among people, cultures, economies, and the environment within Sub-Saharan Africa, and between Sub-Saharan Africa and the rest of the world. Prerequisites: GEOG 102, GEOG 110, GEOG 123, or permission of instructor. 3(3-0)

Gsci 388 Scientific & Technical Writing in the Geosciences

An overview of current conventions and practices used in scientific and technical writing in the geosciences. The focus of the course will be on reading, writing, and critiquing various forms of scientific and technical writing for the purpose of assisting students in preparation for professional papers. In addition to appropriate aspects of language use and style, principles of preparing figures and tables will be discussed. The course is designed to help students develop the knowledge and skills to: 1) write in an accurate, precise, clear, concise, and effective style appropriate for their intended audience; and 2) recognize and rectify writing problems in their own work and in that of others. Prerequisite: GSCI 220. 3(2-2)

Hist 162 Issues In American History II - Class Structure and American Families

This course will explore the role of the family and individual in a changing multicultural society from 1877 to the present. A component of this course will be researching the individuals family background and interviewing family elders in relations to customs and traditions. The effects of social, political, and economic changes during this period will be studied in relationship to the American family. 3(3-0)

Hist 220 History of Everyday Life

This course will explore historical works of the past 50 years that attempt to reconstruct the experience of "everyday life". Focusing on history from below - that is, concentrating on people outside of the political, intellectual and/or economic elite - we will examine how historians have attempted to understand past social practices, senses, emotions and mentalities. Over the course of the semester, we will read a critique a series of key texts in the history of everyday life, pursuing the strengths and weaknesses of different problems, analyses, and methodologies. Readings will cover a wide range of topics, including: economic and commodity-focused history; studies on the history of childhood, family life, sex, and death and dying; small scale studies of community and individual life; and explorations of the ways that humans conceptualize food, the senses, and time. Class will be held in a seminar/discussion format, and students are expected to participate extensively in regular discussions. 4(4-0)

Hist 221 Civil Rights Movement

This is an intensive research and writing class designed to introduce students to primary historical research. Using the Civil Rights Movement as its topical foundation, the class will provide an introduction to historical research methods, interpretation of primary sources, and the process of writing history – culminating in the conceptualization, research, and drafting of an historical study. 4(4-0)

Hist 288 Exp: War in the 20th Century

This course will examine patterns of war in the twentieth century from the great power conflicts at the beginning of the century to the destructured conflicts at the start of the 21st. Themes will include the impact and use of technology, the blurring of the distinctions between military and civilian, the belittling of diplomacy, and the use of propaganda on all sides to demonize the enemy.

Hist 391 Senior Seminar: The Holocaust in International Perspective

We will look at the Holocaust from a variety of angles, including relevant questions in American and British history. Research projects could therefore be conducted in English, and the use of other disciplinary approaches such as in Psychology or Sociology can also open up possibilities for creative research topics. 3(3-0)

Intd 210/Engl 390 Special Topics: Film Noir

A number of American writers have produced works that are regularly studied in the academy. English 390 will provide students an opportunity to study other, less-famous works by the authors of these “standard” texts, offering a fresh perspective on their creative imagination and literary achievement. 3(3-0)

Mgmt 385 Special Topics in Business: Entrepreneurship

This course is directed to those students who have a high interest in the area of entrepreneurship and small business. The course will focus on enhancing a student’s academic knowledge in the area of entrepreneurship, as well as exposing students to projects in the area of small business. Student teams will work with a selected entrepreneur to develop a viable business plan for the entrepreneur’s business. Students will apply aspects of their business knowledge in assisting the entrepreneurs. Prerequisites: Mgmt 280 and Senior Status **or** Permission of Instructor. 3(3-0)

Math 348 Oral Presentation and Research Seminar

In this course, the student will research a mathematical topic and prepare for an oral presentation based on that research. The student will learn about research resources such as journals and electronic databases. Students will learn mathematical writing conventions and presentation techniques. Students will prepare a talk of at least one half hour in length to be presented in a public forum. Prerequisites: MATH 237 or MATH 239 and permission of the instructor. Co-requisite: Student must be a mathematics major who is simultaneously enrolled in a 300 level course. 1(0-2)

Mgmt 385 Special Topics in Business: Consumer Behavior

How do individual consumers, couples and families make decisions about what to buy and consume? How do businesses make decisions about what to purchase? This course focuses on theories, models and real-world situations that explain how the economy works, not from the standpoint of companies, but from the perspective of consumers. Major topics include: the EKB Model; High-Involvement vs. Low-Involvement purchase decisions; planned vs. impulse purchases; problem recognition; information searches and alternative brand evaluation; point-of-purchase factors; post-purchase processes, including Cognitive Dissonance and Attribution Theory; personal values and lifestyles; memory, learning and perception; consumer motivation and emotion; Attitude-Behavior Consistency; the affects of advertising and promotion; cultural and cross-cultural perspectives; social class and reference groups; and within-household decision dynamics. Throughout the course, emphasis is placed on the rights and protection of consumers.

Prerequisites: Mgmt 331 and Senior Status. 3(3-0)

Mgmt 385 Special Topics in Business: Sales & Negotiation

This course will be broken into three sections, but will have an overall theme: Build your communication and negotiation skills. Sales, as well as most other areas of business require effective communication and persuasion skills. First, we will focus on developing student's communication and persuasion capabilities by enhancing negotiation, conversation, and presentation skills. Students will then understand how face to face Sales professionals utilize listening and negotiation "tools" to guide customers in their buying decisions. The final section of the class will focus on the Sales Management Processes used to measure sales activity, performance, and quality. This section will also demonstrate the impact sales planning has on the income statement. The modeling project will require the creation of a dynamic Excel spreadsheet, which will translate a Product Demand projection into sales quotas and an income statement. Also, although it may not be spelled out specifically in each week's topic, public speaking and presentations will be a large part of this class. Prerequisites: Mgmt 331 and Senior Status. 3(3-0)

Phys 228 Mathematical Methods in Physics

This course is an introduction to the application of various mathematical tools to specific problems in physics. Methods will include complex numbers, coordinate transformations, vector calculus, matrices, Fourier transforms, series solutions, and probability. This course will also include numerical methods using software including spreadsheets and symbolic mathematical manipulators. Prerequisites: /Corequisites: PHYS 224 or permission of department. 2(2-0)

Phys 388 Gravity

This course will cover Newtonian gravity, special and general relativity and cosmology. Some of the topics include Newton's law of gravitation, Keplerian orbits, special relativity with spacetime diagrams and metrics, generalization to accelerated frames, the Equivalence Principle, curvature of spacetime, classical tests of GR, stationary and spinning black holes, large scale structure of the universe, big bang theory and the cosmological model. Emphasis will be made on approaching the above topics using geometrical methods. Prerequisite: Phys 311 or permission of the department. 3(3-0)

Plsc 327 Terrorism and National Security

This course is designed to introduce students to the study of terrorism's past, present, and future. Students will explore numerous features of the subject including, but not limited to: definitional dilemmas; the origins and evolution of terrorism; tactical and targeting innovation; the psychology and characteristics of terrorist actors, including women; case studies; and counter-terrorism strategies. Prerequisites: PLSC 140. 3(3-0)

Plsc 336 The American Founders

An examination of the political and constitutional thought of four of the principal American founders: Jefferson, Madison, Adams, and Hamilton. Such issues as liberty, consent, union, federalism, basic rights and separation of powers will be explored. Prerequisites: PLSC 110. Credits: 3(3-0)

Plsc 346 Global Issues

The course will focus on selected problems which face the global community such as AIDS, terrorism, and land mines. Students will analyze the background of these problems and debate options for dealing with them. Prerequisites: PLSC 140 and PLSC 246. 3(3-0)

Psyc 321 Developmental Psychology: Media, Violence & Youth

This course provides a comprehensive review and critique of the research on media violence as it relates to children and adolescents. Throughout the course, theories and research are evaluated from a developmental perspective. In doing so, the effects of media violence on youth as a function of age, becomes more apparent. More importantly, a developmental analysis of the research allows for identification of age-related “holes” in the literature. 3(3-0)

Psyc 321 Developmental Psychology: Applied Develop Psychology

A course focusing on applied issues in developmental psychology, including issues related to the social context of development, developmental assessment, and prevention/intervention for children and adolescents at risk of developmental problems. Topics to be covered include poverty and child development, adoption and foster care, day care, preschool intervention, children and violence, and adolescent risk behaviors. 3(3-0)

Psyc 352 Advanced Research Psychology: Word Play

This course will examine sound, meaning, and spelling patterns in English and will explore ways to facilitate reading. Students will gain experience in all phases of experimental research, with an emphasis on designing experiments, analyzing results, and writing research reports. 3(3-0)

Psyc 352 Advanced Research Psychology: Attention and Emotion

Research on visual attention has revealed that the salience and behavioral relevance of visual stimuli control the allocation and distribution of visual attention. Emotional or threatening visual stimuli (e.g., an angry face) may possess inherent behavioral relevance, and therefore be potent controllers of attention. This course will examine issues related to the attentinal processing of threatening or emotional visual stimuli. Students will read primary source literature on both basic issues in both visual attention and emotion and attention, as well as design and conduct three experiments based on these readings. Students will also write APA-style empirical reports describing these experiments. 3(3-0)

Psyc 352 Advanced Research Psychology: Intrinsic Motivation

This course will examine research on the development of intrinsic motivation. Students will read primary source theoretical articles and empirical studies on the topic and will have the opportunity to design and conduct their own research. Students will learn statistical techniques for analyzing data and will write three APA-style papers. 3(3-0)

Psyc 352 Advanced Research Psychology: Sexual Aggression

This section will involve an in-depth examination of the field of sexual aggression with a focus on perpetration by intimate partners in heterosexual relationships. Students will learn about the issues involved in defining and measuring sexual aggression across different types of intimate relationships, physical and mental health consequences of sexual victimization by an intimate partner, theories of sexual aggression, risk for victimization, and controversies in the field. Students enrolled in the course will, at a minimum, conduct literature searches, collect data through the human participants pool, learn to analyze and interpret data, and write three full-length APA style papers. 3(3-0)

Socl 376 Senior Seminar: Sociology of Whiteness

Course examines whiteness as a cultural concept and what being white means in our race-conscious society. 3(3-0)

Socl 381 Selected Topics: Advanced Social Problems

A look at the role of the media, advertising and mass consumption on shaping public dialogue about social problems. Some emphasis will be placed on exploring prominent social policy initiatives. 3(3-0)