

DESCRIPTIONS OF NEW, EXPERIMENTAL, REVISED AND SLOT COURSES TO BE OFFERED – Fall 2004

ANTH 313 Global Health Issues

This course examines the effects of globalization on the health of people around the globe – in the Third World countries as well as in more affluent Western countries – and relates disparities in the spread of preventable diseases and access to basic health services to the growing inequality between rich and poor nations. The readings will highlight that uneven distribution of health resources eventually lead to global health problems that cut across national, ethnic, gender, and social class boundaries. Prerequisite: Anth 100 or Anth 101. 3(3-0)

ARTH 173 F/History of Western Art: Neoclassicism to Contemporary

A survey of the history of architecture, painting, and sculpture within the Western tradition from the late eighteenth century to the present and an introduction to the process of art historical analysis. 3(3-0)

ARTH 378 Museum Studies I

An analysis of the rapidly growing body of scholarship that takes museums and exhibition practices as objects of critical study. Starting from a historical perspective, this course examines the development of the museum as an institution from the 16th century through the present; it then considers various contemporary positions and debates concerning the role(s) of museums, galleries, collections, exhibitions, and the relationship of these to broader cultural issues. Prerequisite: two art history courses (at least one at the 200 level) or permission of instructor. 3(3-0)

BIOL 128 Freshman Experience in Biology

This course is intended for students considering a major in Biology or Biochemistry. It is meant to engage students in their academic program and the college. The goals of the course are to give students a sense of community, provide help with study skills and introduce students to resources available at the college. This course is designed for freshmen. Other students may be able to enroll if space permits. Graded on S/U basis. 1(1-0)

BIOL 288 Information Technology in Biology

This course is concerned with the evaluation and effective use of both information and specialized tools that are available over the Internet and that are relevant to the biological sciences. Students will be introduced to resources both on and off-campus, and will also be taught how to become information providers. Weekly learning will include hands-on assignments. 1(0-1)

BIOL 304 DNA Technology

This course will provide students with the basic knowledge of DNA technology and its application and significant benefits to humanity. The topics include the foundation and methods of DNA technology, pharmaceutical application, DNA analysis and diagnosis, gene therapy, forensics, DNA investigation, transgenic research and the human genome project. The course will also provide the relevant background and understanding of basic molecular biology techniques used in DNA technology. Students may receive Biology credit for this course OR Biol 322 but not both. Prerequisite: Biol 222. 3(3-0)

BIOL 305 Conservation Biology

Conservation Biology focuses on understanding the evolution and distribution of, and threats to, biodiversity. Emphasis is placed on understanding the important aspects of genetics and population biology that impact the management and protection of species and populations of conservation concern. The course will also examine the theory and practice of reserve design and other conservation measures used in a variety of situations worldwide. A variety of oral and written assignments will be used to assess student learning. This course may be used for elective credit in the Biology major. Prerequisite: Biol 203. 3(3-0)

BIOL 388 Experimental: Ecology Lab

Students will develop and test hypotheses in population and community ecology. These experiences will include collecting data on plant communities in the College's Research Reserve and during an overnight field trip to the Adirondacks. Exercises also will take place in the laboratory along with the analysis of data. May be used for elective credit for Biology degree. Prerequisite: Biol 203. 1(0-3)

CDSC 188 Beginning Oral Communication – ESL

This course will focus on the oral speech and language aspects of communication such as vowel and consonant production, stress and intonation components, grammar and sentence structure, and conversational interactions. Evaluations will be conducted in the beginning of the course to determine individual needs for the clinic component of the course. 1(1-0)

CDSC 288 Advanced Oral Communication – ESL

This course is designed to help non-native speakers of English gain proficiency in speaking and listening in more advanced communicative situations. The major emphasis will be on understanding and use of appropriate English skills in public speaking situations such as presentations and interviews. 1(1-0)

CDSC 243 Fluency Intervention

This course covers the fundamentals of speech and language fluency and speech fluency breakdowns. First, the following basic information is covered; types of fluency and fluency breakdown; characteristics of typical and atypical speech fluency breakdown; plus developmental, etiological and cultural information regarding stuttering. The student is then educated and trained in stuttering assessment and therapy for preschoolers, school aged children, remediation, the student will be required to demonstrate basic clinical competencies by the end of the course. Prerequisite: Cdsc 142, Cdsc 150, Cdsc 221, and Cdsc 228. 3(3-0)

CDSC 244 Voice Intervention

This course begins with a unit on the parameters of the normal voice, vocal determinants, vocal development across the lifespan, and interpersonal use of the voice. The student studies her own voice to explore her understanding in this unit. This is followed by information on the symptomatology, physiologies and etiologies of basic voice delays, differences, and disorders. Voice assessment focuses on the ability to diagnose through observation. In addition, the student learns to analyze voice using commercial tools, basic instrumentation and questionnaires. The intervention unit covers common voice problems in the school aged child, teens and adults. Prerequisites: Cdsc 142, Cdsc 150, Cdsc 221, Cdsc 228, and Cdsc 238. 3(3-0)

CHEM 100 Chemistry First Year Experience

This course serves as an introduction to the chemistry and biochemistry programs at Geneseo and is intended for those considering a chemistry or biochemistry major. Topics include career opportunities, the literature of the chemist and biochemist, research opportunities, software used in the chemistry curriculum, and strategies for success. Graded S/U basis. 1(1-0)

CHEM 315 Bioorganic Chemistry

This course will survey several main classes of natural products (secondary metabolites), their biosynthesis, typical structures, biological properties, and structural elucidation. Special attention will be paid to mechanistic aspects of biosynthesis. The social and historical uses of natural products will also be considered. Prerequisite: 1 year of organic chemistry and 1 semester of biochemistry. 3(3-0)

COMN 388 Experimental: Issues in Communication: Globalization and International Communication

This seminar examines issues and recent research relating to communication and the media's key roles in an emerging global society. Topics include historical context of global media, cultural/media imperialism, news and information flows, audience reception, media trade issues, critical political economy of global media, and the information society. 3(3-0)

CSCI 288 Web Development

Provides an overview of the technology of the Internet and the World Wide Web. The course summarizes web development methodologies and technologies. Topics: Client/Server architecture with an emphasis on the server side. Markup languages such as: HTML, DHTML, and XHTML. Programming languages: JavaScript and PHP. Open source technologies: MySQL and XML. These tools and techniques will be used in the development and implementation of a fully functional database-driven web site. Not available to Computer Science majors for credit in the major. 3(3-0)

CSCI 388 Document Image Understanding

This course provides an overview of document image understanding research, technologies and related topics. This course covers primary aspects of document processing which have grown out of fields of digital signal processing, digital image processing, pattern recognition and AI including: preprocessing, feature and document representations, page segmentation and decomposition, text processing, graphics recognition and interpretation, post processing, and applications. Prerequisite: Csci 242. 3(3-0)

ECON 365 International Macroeconomics

A study of the macroeconomic and monetary aspects of international economics, with attention to international accounting systems and the balance of payments, foreign exchange markets, international monetary systems and macroeconomic adjustment, and monetary, fiscal, and exchange rate policies in open economies. Prerequisites: Econ 102 and junior standing. Restricted to School of Business majors and minors. Others may seek permission from the School of Business. 3(3-0)

ENGL 142 Literary Forms: Women's Biography

First we will address the question of how/why women's lives need to be told differently than men's lives. We will then read a number of biographies -- both the strictly fact-based and the interpretive -- while discussing the merits of each form. Then each student will choose a woman whose life she or he would like to research in depth. 3(3-0)

ENGL 222 Expl-Renaissance: Intro to Early Modern Drama and Poetry

We will study several writers of sonnets, including Shakespeare and Sidney; the erotic poetry of Marlowe and others; city comedies by Dekker and Middleton; satiric comedies by Jonson; romantic comedies by Beaumont; and some literary theory, by Sidney and Jonson. 3(3-0)

ENGL 237 American Voices: African American Migration Narratives

African American Migration Narratives will explore what it means physically, emotionally, physically, and spiritually for groups and individuals to leave one place and move to another. We will study literary works by Toni Morrison, Jean Toomer, John Edgar Wideman, and Gwendolyn Brooks, and paintings by Jacob Lawrence. The course will raise questions about race, culture, and geography, but it will also raise big philosophical questions: for instance, what does it mean to live a good life? what is the individual's relationship to her ancestors and the past? What if stories about one's past aren't "true"? 3(3-0)

ENGL 237 American Voices: Visibility and Invisibility in American Literature

This course will examine images, metaphors, and strategies of visibility and invisibility in literature written by African-American, Asian-American, and Anglo-American writers. Our culture deeply influences how and whom we see, as well as how we feel about being seen by anyone defined as "other" by virtue of, say, their race, gender, sexuality, or drug addiction. Much of what we read will be beautiful, shocking, provocative, compelling, angry, paranoid and defiant so come prepared to discuss and argue. Texts will include: Burroughs, *Naked Lunch*; Chin, *Donald Duk*; Ellison, *Invisible Man*; Kingston, *The Woman Warrior*; Pynchon, *The Crying of Lot 49*; and Larsen, *Passing*. 3(3-0)

ENGL 311 British Renaissance: Sex and Gender

We will explore the extent to which not only gender, but also sexuality was presented as a social construction in the 16th and early 17th centuries. 3(3-0)

ENGL 324 British Novel: After 1922

In this section, we will note some of the trends in the British novel after the publication of James Joyce's "Ulysses", focusing on aspects of genre and form, as well as national identity, sexual identity, and gender. 3(3-0)

ENGL 332 Early American Literature

A study of representative literature from the first European encounters of the New World through the turn of the 19th Century. Prerequisite: Engl 170.

3(3-0)

ENGL 339 American Ways: The Beats

For all of their continued popularity, it would be difficult to name a literary movement so insulated and self-referential as The Beats. This course aims to decompartmentalize their still-revolutionary work, both in relation to its own time (Cold War, gender politics, the culture of work, etc.) and in relation to our own—which is to say, a relevance beyond the safety of nostalgia. We will focus primarily upon texts by Kerouac, Ginsberg, and Burroughs, along with briefer introductions to other writers and hipsters.

3(3-0)

ENGL 343 Women & Lit: Women and The American Civil War

Despite the lack of male-authored narratives during the Civil War era, writing by women in all genres in this period, however, proliferates. Women's writing, then, gives us one way into this traumatic period in the history of our country. In this course we will examine the place of the Civil War in American women's writing, as well as the place of women in writing about the Civil War. We will look at a diverse cross-section of writers, white and black, female and male (our one male-authored text is the only novel of its kind from the period), Northern and Southern. Works may include Harriet Beecher Stowe's *Uncle Tom's Cabin* as well as other anti-slavery short stories, Louisa May Alcott's short stories and *Hospital Sketches*, Harriet Jacobs's *Incidents in the Life of a Slave Girl*, S. Emma E. Edmonds's *Nurse and Spy in the Union Army*, J. W. DeForest's *Miss Ravenel's Conversion from Secession to Loyalty*, Grace King's short stories, Frances Harper's *Iola Leroy* and Margaret Mitchell's *Gone With the Wind*.

3(3-0)

ENGL 358 Major Authors: Wordsworth and Lawrence

Close and careful study of major works by the two authors in their literary, biographical, psychological, and cultural contexts. While we will read a selection of Wordsworth's major poetry, our principal focus will be his pic blank verse autobiography, *The Prelude* (1805). We will study three of Lawrence's major novels (and perhaps also some of his poems, stories, and essays) in terms of how Lawrence in the early twentieth century both projects and transforms some of the key concerns of European Romanticism.

3(3-0)

GEOG 388 Applied Physical Geography

This upper-division course will concern principles of physical geography as they relate to historical, contemporary, and future human affairs. It will include a much more detailed examination of many concepts surveyed in Geog 110 and attempt to convey the fact that a thorough understanding of such concepts is a necessary condition for sound environmental management decisions. The following topics will be covered: severe weather events such as hurricanes and tornadoes, flooding, groundwater dynamics, drought, coastal erosion, earthquakes and volcanoes, phytogeography, zoogeography, wildfires, landslides and avalanches, tsunamis, soil erosion, and climate change. This course will satisfy the Geography Department's requirement in advanced physical geography. Prerequisite: Geog 110 or permission of instructor.

3(3-0)

HIST 221 Technology & the Environment in the Modern U.S.

This course will focus on the relationship between and technology and the environment in the U.S. from 1865 to the present. Students will explore the political, intellectual, and socio-economic dimensions of that relationship with the goal of producing a work of original research by the end of the semester.

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 391 Senior Seminar: US Latin American Relations

This senior seminar will provide an overview of the history of US policy, actions and attitudes towards Latin America from the founding of the Republic through the 19th and 20th Centuries. We will focus on a number of particularly illustrative and significant historical cases that illustrate the diversity of ideological, political, economic and cultural factors, which have shaped US policy towards the region as well as examine the Latin Americans' responses to those policies. The seminar will also afford students the opportunity to carry out significant research and writing on a topic of their choosing within the general framework of United States - Latin American relations as well as an opportunity to present their research findings to the seminar for consideration and discussion.

3(3-0)

HIST 391 Senior Seminar: British In India

English contacts with India began in earnest in 1600 with the chartering of the East India Company. This course will explore the complicated history of the subsequent 400 years, during which time the British presence in India moved from marginally-successful trading posts to a mixture of direct and indirect imperial rule, to independence and the partition of India and Pakistan. As a senior seminar, students will spend the first several weeks of the semester engaged in common readings on the history of modern India; during the middle third of the semester, students will conduct independent research and make in class presentations; at the end of the semester, all students will submit a 25 page research paper on their independent research. Students enrolling in this course should be forewarned that extensive class participation, including in class presentations of research throughout the semester, will be a requirement.

3(3-0)

HONR 301 F/Roots of the 20th Century Art

This course will examine the use of live theatrical performance as a tool for social and political change. After a course introduction covering various views on the role of the artist in society, we will examine performance in specific, recent sociopolitical contexts, including Apartheid South Africa of the 1970's -- 1980's and the US AIDs crisis from the 1980's to the present.

3(3-0)

MATH 239 Intro to Mathematical Proof

The course will provide an introduction to the language of advanced mathematics and to mathematical proof. It will emphasize rigorous argument and the practice of proof in various mathematical contexts. Topics will include logic, set theory, cardinality, methods of proof, and induction. Other mathematical topics chosen at the discretion of the instructor will be included as material through which proving skills will be honed. Prerequisite: Math 222 or by permission of department.

3(3-0)

MATH 380 Topics in Mathematics: Fibonacci Numbers

This course covers various aspects of the sequence of Fibonacci Numbers. From the simple properties it develops the aspects of the Fibonacci numbers applicable to number theory. Other topics include Fibonacci numbers and continued fractions, the Fibonacci numbers in Geometry, and sequences of related type, for example the Lucas numbers. Prerequisites: Math 237.

3(3-0)

MGMT 268 Management Law and New Technologies

This course will provide students with an opportunity to explore contemporary legal business management issues involving new technologies in the workplace, especially in regard to the Internet. Topics to be covered include: management law in general; communications law; the computer and the law including privacy rights, freedom of expression, intellectual property matters; e-commerce; torts, computer crime; computer security and encryption, cyber-ethics and netiquette management concerns. Prerequisite: Sophomore standing.

3(3-0)

MGMT 385 Special Topics in Business: International Marketing

In this course the students will examine and discuss the issues associated with developing, organizing and managing marketing activities across multiple foreign nations. The course introduces students to the field of International Marketing by emphasizing the complexities of differing cultural, economic, social, political, legal and technological environments. It then moves to developing marketing mix strategies for global and country-specific markets. Prerequisites: Mgmt 331

3(3-0)

PHIL 397 Seminar: Objects, Events and Kinds

The seminar is in metaphysics and will deal with such issues as the following:

Similarities and differences between events and objects

The importance of the common spatio-temporal nature of ordinary events and ordinary objects

The ontological relations between events and objects; the place of the supervenience relation

The importance of kinds: how and why *being* is always *being-of-a-kind*; the relation of kinds and identity; the importance of identity in the metaphysics of events and objects

The importance of the distinction between Natural Kinds and Artifacts

The new theories of reference and their connection to the metaphysics of events and objects

PSYC 321 Developmental Psychology: New Directions in Social and Personality Development

This course will focus on emerging trends and new ideas regarding the empirical study of social and personality development during childhood. Emphasis will be on forward-looking theoretical formulations, ideas, and hypotheses. New ideas regarding strategies for researching children's development and the applications of that research will be considered. 3(3-0)

PSYC 321 Developmental Psychology: Applied Behavior Analysis

The purposes of this class will be: to review theory, research, and practical applications of environmental/learning/behavioral approaches in the study of development; to develop skills in observing behavior, planning intervention, and evaluating behavior change; to promote an empirical approach to the selection of treatment options; and to improve skills in writing reviews of empirical research. 3(3-0)

PSYC 352 Advanced Research in Psychology: Threat & Prejudice

This course will examine research on the relationship between threat and prejudice. Recent research indicates that both personal threat and group-level threat predict derogation of traditionally stereotyped groups in unique ways. Students will read primary source literature on threat and prejudice as well as design and conduct several studies based on previously published research. 3(3-0)

PSYC 352 Advanced Research in Psychology: Psychology of Happiness

This course will examine known and potential correlates of happiness. Of interest in this area is the extent to which various demographic, personality, and life-situation factors can predict happiness independently of each other. Interestingly, some of the factors that are often thought to be highly predictive of happiness, such as income level, actually predict happiness only weakly, or not at all. In addition to reading primary source literature, student will design and conduct two empirical studies. 3(3-0)

PSYC 352 Advanced Research in Psychology: Accuracy of Memory

This course will examine the general question of the accuracy of memory by examining early autobiographical memories, laboratory-induced false memories, and errors in short-term memory. Students will gain experience in all phases of experimental research, with emphasis on designing experiments and analyzing results. 3(3-0)

PSYC 352 Advanced Research in Psychology: Media Violence

The effects of violent media on individuals' thoughts, feelings, and behavior will be examined. Special emphasis will be placed on evaluating empirical studies based on theoretical underpinnings, research methodologies, and statistical techniques. 3(3-0)

SOCL 376 Senior Seminar: Sociology of War and Violence

This course investigates war and violence in the U.S. and globally using various sociological frameworks. Are aggression, violence and war "natural," or are they rooted in social forces such as the political-economy, gender, ethnicity, religion, and culture? How do these forces interact in explaining war and violence? The course will expose students to recent theoretical arguments and empirical research in the area. 3(3-0)

WMST 188 Introduction to Women's Studies

This class will serve as an introduction to Women's Studies, including feminism and patriarchy. We will pay particular attention to the intersection between these broad theoretical concepts and women's specific experiences, especially how they are influenced by differences of race, class, and sexual orientation. 3(3-0)