

SUPPLEMENT TO THE 2007-2008 CATALOG

ART and MUSIC

11.473.A Special Topics in Studio Art: Art and Motion

Instructor: Anderson, J.

Art and Motion provide advanced students with an opportunity to combine traditional skills in drawing, sculpture, photography, and collage with experimental techniques in animation, kinetic art, and digital media. In addition, the course will present both artistic and scientific concepts related to time and the physics of motion. Students will meet artist and engineers working in animation and digital media. These guest lectures will introduce students to cutting edge techniques and concepts related to problems they are solving in class. Furthermore, these meetings will give students an opportunity to evaluate career opportunities in their chosen field. NOTE: Students who took this topic in a previous semester cannot receive credit for the course again.

11.479.A Topics in Advanced Printmaking

Instructor: Hughes, J.

An exploration of book forms and narrative constructs employing 2-D and 3-D imagery. Many book concepts and structures will be introduced and discussed such as early Eastern scrolls, tablets, illuminated hand-scribed manuscripts, chapbooks, letterpress, binding variations (Coptic, Japanese, pamphlet, etc.), the book as object, the exquisite corpse, pop-up and fold-out, and 20th Century artists' books (Johns, Kiefer, Spero, etc.). Demonstrations will include sewn binding techniques, woodcut, intaglio, letterpress and 3-dimensional construction techniques such as metal hinging and sculpted paper. Some of the issues to be explored are text and image, sequential narration, and the appropriateness of the book's form to the content.

COMPUTER SCIENCE

63.400.A Special Topics in Computer Science: Storage Technologies

Instructor: Krishnamoorthy, S.

An in-depth description of various data storage technologies will be covered. Topics covered include storage media, RAID, storage arrays, Data Center, FC SAN, IP SAN, Content Addressed Storage, NAS, DAS, Monitoring and Management, Provisioning, Business Continuity, Snap, Replication, Backup and Recovery. EMC storage technologies will be used for illustration.

ECONOMICS/BUSINESS ADMINISTRATION

12.495.E Internship in Economics/Business Administration – MERC Level I Internship

Instructor: Doyle-Burke, C.

This section is open to only those students enrolling in an internship for MERC (MetroWest Economic Research Center). This paid internship offers students an opportunity to learn about the Massachusetts economy and apply the organizational, statistical, and communications skills acquired from other classes. Interns participate in projects involving regional economic concerns such as unemployment, cost of living, employment and wage structure, labor force composition, housing, municipal revenue and expenditures, and K-12 enrollment.

Prerequisites: Permission of Instructor

12.495.F Internship in Economics/Business Administration – MERC Level II Internship

Instructor: Doyle-Burke, C.

This section is open to only those students enrolling in an internship for MERC. Under faculty direction, MERC Level II interns collect, tabulate and analyze multiple data series on regional economies and master analytical techniques. This course requires students to co-author articles for publication and to prepare formal PowerPoint presentations for conferences.

Prerequisites: Permission of Instructor

12.495.G Internship in Economics/Business Administration – MERC Senior Internship I

Instructor: Doyle-Burke, C.

This section is open to only those students enrolling in an internship for MERC. Under faculty direction, MERC senior interns prepare reports on regional economic conditions, conduct independent economic research projects, co-author publications and serve as mentors to MERC Interns I and II.

Prerequisites: Permission of Instructor

12.495.H Internship in Economics/Business Administration – MERC Senior Internship II

Instructor: Doyle-Burke, C.

This section is open to only those students enrolling in an internship for MERC. Under faculty direction, MERC senior interns prepare reports on regional economic conditions, conduct independent economic research projects, co-author publications and serve as mentors to MERC Interns I and II. 10 hours/wk.

Prerequisites: Permission of Instructor

12.495.I Internship in Economics/Business Administration – MERC Senior Internship

Instructor: Doyle-Burke, C.

This section is open to only those students enrolling in an internship for MERC. Under faculty direction, MERC senior interns prepare reports on regional economic conditions, conduct independent economic research projects, co-author publications and serve as mentors to MERC Interns I and II. 10 hours/wk.

Prerequisites: Permission of Instructor

ENGLISH

21.361.A Postcolonial Literature

Instructor: Eck, L.

A study of postcolonial literature by authors with cultural roots in South Asia, Africa, the Caribbean, and other former colonies that achieved independence in the second half of the twentieth century. Readings may include Commonwealth literature from Australia, New Zealand, and Canada; translated texts; and postcolonial criticism.

Prerequisite: 21.204 Literary Study or Permission of Instructor

21.422.A Seminar in Literature: Contemporary American Poetry

Instructor: Feldman, A.

21.896.A

Since the late 1950s, American poets have generated one of the richest, most varied, and least-known treasures of our national literature. This seminar will survey the work of poets active in the past fifty years, including many who are alive and working now. We will review movements such as the Beats, Black Mountain poets, Confessional, and New York School, and study writers now emerging as the influential and most-discussed poets of the turn of the new century.

21.422.B Seminar in Literature: Satire and Sentiment – The Worlds of Charles Dickens

Instructor: Holloway, L.

21.896.B

Characters like Oliver Twist and Scrooge seem to have lives of their own even outside of their original texts, for Dickens' works and words have become part of our cultural consciousness. In this seminar, students will study Dickens' novels and the Victorian culture that created Dickens and that Dickens helped to create.

SUPPLEMENT TO THE 2007-2008 CATALOG (continued)

GEOGRAPHY

22.400.A Cosmos: Introduction to Remote Sensing

Instructor: Merwin, D.

An introductory course in digital remote sensing. The goal of this course is to introduce the fundamental principles of remote sensing with an emphasis on the theoretical and applied realms of the discipline. Topics to be covered include physics of electromagnetic radiation, digital photogrammetry, image interpretation, spatial resolution, airborne and space-borne sensors and image classification. All topics discussed in lecture are reinforced through laboratory exercises. There is no prerequisite for this course

HISTORY

32.369.A History of the Crusades

Instructor: Halfond, G.

An examination of the Crusades, an experiment in religious warfare that stretched from the eleventh century to the eve of the Protestant Reformation. Topics include the development of Holy Wars in Christianity and Islam, the motivations of those who fought on both sides of this lengthy conflict, and the long-term implications of the Crusades for relations between the adherents of Judaism, Christianity, and Islam up to the present. The course also emphasizes the place of the Crusades within the wider context of medieval European history, and the ways in which these wars influenced contemporary events in Western Europe, including the rise of violent Anti-Semitism and the use of military force as a means to combat heresy.

Prerequisite: 32.153 Western Civilization to the Renaissance or Permission of Instructor.

Spring 2008:

32.444.A/893.A Seminar in American History

Instructor: Nutting, B.

32.484.A/894.A Seminar in European/World History

Instructor: Nutting, B.

Topic of Seminar: Religion and Politics

The seminar examines the nexus between religion and politics in history.

MODERN LANGUAGES

61.370.A Spanish for the Health Professions

Instructor: Taylor-Fernande, .

Designed to train students for the medical and allied health fields, through the study of medical terminology, cultural sensitivities, and protocol appropriate for working effectively with clients within the Hispanic community. Instruction, readings, and discussions are in Spanish.

Prerequisite: Completion of 61.232 Intermediate Spanish II or equivalent or Permission of Instructor.

PHILOSOPHY

41.214.A Aesthetics

Instructor: Bruno, P.

An examination of the role of art in human life, the nature of criticism, and the justifiability of critical judgment.

Prerequisite: One introductory philosophy course.