

# Pierce College Catalog Addendum - 2010

## (Bi-Annual)

### **New Courses:**

**Note:** See your department faculty advisor regarding possible Degree and Certificate Program changes resulting from the introduction of new courses.

#### **Animal Science 321 – Intermediate Dog Grooming (3)**

*Lecture 2 hours; Laboratory 2 hours.*

**Recommended Preparation:** Animal Science 320

This course is designed to provide additional skills and knowledge to students pursuing a career as a groomer. Lecture topics include, diseases of the integumentary system, behavior, nutrition, and tools of the trade. Hands on training includes specific breed grooming, scissoring, and pattern application special needs animals and cats. Career building and self marketing will also be covered.

#### **Anthropology 161 – Introduction to Language and Linguistics (3) UC:CSU**

*Lecture 3 hours.*

Surveys the great variety of ways humans communicate, both verbally and non-verbally. The course focuses on the structure, function, and history of language, with selections on the sociology and psychology of language, language learning, and the origins and evolution of language.

#### **Anthropology 162 – Introduction to Sociolinguistics (3) UC:CSU**

*Lecture 3 hours.*

This course examines how societies create, maintain, and change languages. Students will study the history of the varieties of language and their relationship to geography, cultural identity, and gender. Students will gain an understanding of language as a tool of communication, symbolism, and education in society.

#### **Anthropology 163 – Introduction to Psycholinguistics (3) UC:CSU**

*Lecture 3 hours.*

This course is a general introduction to psycholinguistics, which will focus on speech, perception, language processing, language production, and language acquisition. Students will study the relationship between the theories proposed by linguistics, and data as observed in everyday life. The course will touch on related areas, such as processes of reading, language and the brain, and language and thought.

#### **Art 107 – Mexican Art – Modern (3) CSU**

*Lecture 3 hours.*

A survey of the rich cultural production of Mexico, beginning with the Mesoamerican period but focusing primarily on the 19th-21st centuries. The course is organized according to the major historical moments including the pre-Hispanic civilizations, Spanish Conquest, the Colonial Period, War of Independence, and the Mexican Revolution and thereafter. It will examine the social, economic, political and religious context of the production and use of the works of art considered. Topics covered will include Mesoamerican art as dynastic legitimator; the role of the pre-Hispanic civilizations on modern art and culture (the reappropriation of the past); the use of art as propaganda (for example, the connections between art and ideologies of Conquest); the construction of national and hybrid identity; the role of public art; symbolism in religious imagery; portraiture, history painting, and landscape; and theories of colonialism and hybridity. The course will look at work in a variety of media, including painting (especially easel paintings and murals), sculpture, architecture, installations, prints, and photography.

#### **Art 400 – Introduction to Printmaking (3) CSU**

*Lecture 1 hour; Laboratory 5 hours.*

**Recommended Preparation:** Art 201, Art 501

This fine art studio course introduces the student to historical, technical and creative processes of basic printmaking.

### **Automotive Service Technology 53 – Introduction to Alternative Fuels (3)**

*Lecture 2 hours; Laboratory 2 hours.*

This course is an introductory course on alternative fuel vehicles in the automotive industry. Various alternative fuels will be compared, such as Electric, Compressed Natural Gas (CNG), Liquefied Petroleum Gas (LPG), Liquefied Natural Gas (LNG), Ethanol, Methanol, Bio-diesel, electric vehicles, and hybrid electric vehicles. Topics will include alternative fuel theory, design, operation and safety. Learning strategies include: multimedia presentations, discussions, research and lab practice. Laboratory activities will include vehicle diagnosis, vehicle maintenance and vehicle repair.

### **Automotive Service Technology 55 – Hybrid Service and Safety (3)**

*Lecture 2 hours; Laboratory 2 hours.*

This course is an introductory course on Servicing and Safety Issues on Hybrid-Electric Vehicles. Topics will include the various Hybrid-Electric designs, operation, service and safety of vehicles currently in production as well as those being developed for the future. Learning strategies include: multimedia presentations, discussions, research, and lab practice. Laboratory activities will include vehicle safety practices, diagnosis, maintenance, repair, and service procedures.

### **Broadcasting 103 – Voice and Diction for Radio and Television (3) CSU**

*Lecture 3 hours.*

Training in the presentation of broadcast, podcast and Webcast material. Fundamentals of good speech are combined with techniques for handling the problems unique to broadcasting, such as microphone techniques, reading for the camera, interviewing techniques, preparing continuity and transitions for commercial copy, promotional and public service announcements, news copy, weather and sports announcing. An opportunity may be provided to create programming for the campus radio station or Internet radio station.

### **CAOT 87 – Excel Concepts for Business Applications (2)**

*Lecture 1 hour; Laboratory 2 hours.*

**Recommended preparation:** *Basic knowledge of computer operations and ability to keyboard.*

Develops competencies in the fundamentals of Microsoft Excel. Students will use MS Excel 2007 to create and format workbooks, construct basic formulas, use functions and create charts. Students will also prepare financial spreadsheets and pivot tables. The course is designed to familiarize students with Microsoft Excel and its applications in the business world.

### **CAOT 110 - Microcomputer Office Application: Presentation Design (3)**

*Lecture 2 hours; Laboratory 3 hours.*

**Recommended preparation:** *Basic computer knowledge and ability to keyboard.*

Provides an overview of presentation design principles and a comprehensive study of presentation software. Uses PowerPoint 2007 to create presentations that incorporate PowerPoint templates, fonts, images, SmartArt, WordArt, transitions, animation, sound, and movies. Students will learn to outline presentations, create dynamic slides, develop slide shows, and deliver presentations based on business topics. In addition, students will learn to save PowerPoint presentations as Web pages and incorporate them into Web sites.

### **Environmental Design 102 – Foundations of Design II (3) CSU**

*Lecture 1 hour; 6 hours Laboratory.*

**Recommended preparation:** *Environmental Design 101*

Second level architectural design studio. Students continue to develop creative, conceptual and analytical skills by designing more complex projects addressing multiple programmatic requirements, symbolism and contextualism.

### **Multimedia 804 – Photoshop for Motion Pictures and Television (3) CSU**

*Lecture 2 hours; Laboratory 2 hours.*

Beginning level course dealing with graphics for Motion Pictures and Television using digital imaging software, with an emphasis on Adobe Photoshop, including layers, masks, filters, text, blend modes, editing tools, animation techniques and output to video applications, via demonstrations, practicums, and exercises.

### **Physics 15 – Physics of Music (3) CSU**

*Lecture 3 hours.*

Surveys the fields of physics that apply to the production of the sounds of music. The course delves into wave theory, harmonics, musical scales, musical instrument construction theory, harmonic sound analysis using FFT (Fast Fourier Transform) via Raven (a sound analysis program that can be run on any PC or Mac), musical instrument acoustics, room acoustics, amplification (acoustic and electronic) and the actual construction of a musical instrument. This course is designed for anyone majoring in music, or anyone using music in their careers, or anyone interested in music.

### **Updates:**

#### **General Studies major: Social and Behavioral Sciences area of emphasis**

In addition to the courses listed on page 97 of the 2009-2010 Pierce Catalog, the following courses may be used toward the satisfaction of the 18 semester unit requirement for the General Studies major: Social and Behavioral Sciences area of emphasis: **English** 101, 102, 103; **Mathematics** 215, 227, 235, 238, 240, 245, 260, 261, 262, 263, 291; **Philosophy** 5, 6, 9; **Speech**: 101, 102, 104; **Statistics** 1, 7

#### **Newly approved UC transferable courses:**

Broadcasting 1 – Fundamentals of Radio and Television Broadcasting  
Dance 822 – Rehearsals and Performance  
Dance Specialties 402 – Afro Hip Hop  
Dance Specialties 490 – Special Topics in Dance  
Journalism 251 – Visual Communication in Mass Media  
Linguistics 2 – Introduction to Sociolinguistics  
Linguistics 3 – Introduction to Psycholinguistics  
Political Science 30 – The Political Process  
Psychology 74 – Research Methods in the Behavioral Sciences  
Sociology 35 - The Labor Movement  
Sociology 86 – Popular Culture  
Sociology 87 – Sociology of Deviance

#### **Corrections:**

**Marine Biology Laboratory 122 – Corequisite: Biology 121**