Pierce College Catalog Addendum
(Bi-Annual)

New Courses:

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

Administration of Justice 319 - Research Methods & Statistics in Criminal Justice (3) UC pending: CSU

Lecture 3 hours.

Introduction to research methodologies used in the social sciences with a special emphasis on those methods most often used in the study of crime and criminal behavior, police/court systems, and correctional institutions, policies, and programs. Students will acquire the knowledge to conceptualize a research problem and develop a number of complementary design, measurement, and data collection approaches to bring evidence to bear on the problem. Topics include the roles of theory and ethics in research, hypothesis testing, and research design.

Administration of Justice 383 - Applications in Crime Analysis (3) UC pending: CSU

Lecture 3 hours.

This course will introduce students to the functions of a crime analyst within the criminal justice system, including using quantitative methods and the five-step data analysis process to forecast future crime occurrences. The students, through the use of tactical, strategic and administrative analysis, will identify and differentiate between crime patterns, series and trends, as well as learn to communicate the findings to law enforcement personnel.

Art 92 - Introduction to Museum Studies (3) UC pending: CSU

Lecture 3 hours.

(May be offered as Art 99R)

This course will provide a broad introduction to the field of museum work. Topics included will be the history and philosophy of museums; the social, economic, and political trends that shape museums; the staffing, management, and financing of museums; and the multiple functions of museums, such as the collection and care of objects, exhibition design and interpretation, education programs, research activities, library collections, and public relations. Students will personally engage with museum professionals, including: department directors, curators, conservators, collection managers, educators, and exhibit designers. The course will draw students from all nine colleges.

Art 635 - Desktop Publishing Design (3) CSU

Lecture 2 hours; Laboratory 2 hours.

Recommended Preparation*: Art 604*

An introductory course to desktop publishing design. The course is designed for graphic design majors, fine artists, journalism majors, and computer graphics novices. Emphasis will be on computer layout and composition. Basic concepts relating to the fonts, type styles, page design, readability, and final printing production will be explored.

Biology 110 - General Biology - Genetic Analysis and Biotechnology (4) UC: CSU

Lecture 2 hours; Laboratory 6 hours.

Prerequisite: *Biology 6*

This course is designed for Life Science majors as a continuance of their general biology studies. This course provides a comprehensive introduction to genetic analysis, examining topics such as chromosome analysis, population genetics, and genomics. This course also provides a comprehensive introduction to the science of biotechnology by providing both the theory and hands-on experience with current laboratory procedures.

Computer Applications and Office Technologies 125 – Microsoft Office Project (2) CSU

Lecture 1 hour; Laboratory 2 hours.

Recommended Preparation: *Ability to use a word processor and Microsoft Excel(Microsoft Office Project 2007)*

Uses Microsoft Office Project 2007 to build and manage a project plan by specifying what will be done, what order it should be done, how long it will take, who or what should be handling particular work, and what costs are involved. Covers tracking progress from the planning phase to the execution phase. Emphasizes sharing information with stakeholders and between/among other Microsoft application(s), including the Internet, and Project.

Cinema 5 - Introduction to Screenwriting (3) CSU

Lecture 2 hours; Laboratory 2 hours.

Recommended Preparation*: Cinema 3,104, 107; English 240; Philosophy 42.*

This course will introduce students to the aesthetic and technical elements of screenwriting. Students who complete this course will have a thorough understanding of the process and language used to create a first draft script for both television and motion pictures.

Computer Science 556 - Advanced Dreamweaver – Dynamic Website Development (3) CSU

Lecture 2 hours; Laboratory 2 hours

Prerequisite: *Computer Science 550*

Use Advanced Dreamweaver tools and skills to develop dynamic, interactive websites which utilize database information to populate web pages. Learn to retrieve and pass user input data using form variables, URL variables, cookies, email forms and dynamically populate web pages. Learn server-side data validation, how to filter and display data using XML, Spry and AJAX, creating Admin Pages, Authenticating Users and Managing content.

Dance Specialties 402 – Afro Hip Hop (1) UC pending: CSU

Laboratory 2 hours.

(may be offered as 99)

Afro Hip Hop as a jazz style of dance will be explored through movement and sound/body rhythms. Hip Hop is raw and edgy often grounded in percussive rhythms of high energy and urban influences. Students will be challenged to develop a philosophy of this style of jazz and specifically Hip Hop in relation to styles learned and performed in the current social strata.

Environmental Science 31 – Energy and Power (3) UC: CSU

Lecture 3 hours.

Same as Physical Science 13.

This course introduces the physics of energy conversion and explores the physical, economic, and environmental advantages and disadvantages of various energy sources, including fossil, nuclear, solar, hydro, biomass, wind, tidal, and geothermal; and examines various methods for conserving energy.

Mathematics 113 – Elementary Algebra A (3)

Lecture 3 hours.

prerequisite*: Math 112*

The first half of Math 115. The course covers integer exponents, polynomials, solving linear equations and inequalities, and factoring. Math 113 and 114 together are equivalent to Math 115. Credit is allowed in only one of Math 115 or the Math 113/114 combination. Concurrent enrollment in Math 113 and 114 is not permitted.

Mathematics 114 – Elementary Algebra B (3)

Lecture 3 hours.

***prerequisite**: Math 113*

The second half of Math 115. The course reviews factoring, and covers rational expressions, introduction to graphing linear equations in two variables, solving systems of linear equations, roots and index 2 radicals, and methods of solving quadratic equations. Math 113 and 114 together are equivalent to Math 115. Credit is allowed in only one of Math 115 or the Math 113/114 combination. Concurrent enrollment in Math 113 and 114 is not permitted.

Physical Science 13 – Energy and Power (3) UC: CSU

Lecture 3 hours.

Same as Environmental Science 31.

This course introduces the physics of energy conversion and explores the physical, economic, and environmental advantages and disadvantages of various energy sources, including fossil, nuclear, solar, hydro, biomass, wind, tidal, and geothermal; and examines various methods for conserving energy.

Political Science 30 – The Political Process (3) UC pending: CSU

Lecture 3 hours.

This course surveys the nature and foundation of the democratic order. Specific focus is placed on traditional democratic theory, the contrasting philosophies of the Framers of the Constitution, and the impact of the decentralized, federal structure on the political processes of the United States. The course devotes considerable attention to the political rights and obligations of citizenship, important institutions and processes created under the US and California constitutions, elections and political behavior, public opinion and socialization, and the role of political parties and interest groups in a modern democratic political process.

Sociology 35 – The Labor Movement (3) UC pending: CSU

Lecture 3 hours.

The course presents a sociological and historical analysis of labor movements in the United States and their effects upon American society. The course introduces students to distinctions among different forms of labor (forced and free), the role of markets and the State in regulating labor, and the effects of external factors (Industrial Revolution, abolition of chattel slavery, the Great Depression, war, globalization) and internal (to the laboring class) factors (competition among workers, ideologies, social and political organization) affecting the development of labor movements.