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Description of Revised Courses Spring 1998

ADMINISTRATION OF JUSTICE

A J 93 Basic Peace Officer Academy Units 20

Prerequisites: Reading Level II or concurrent enrollment in reading. Limitations on Enrollment: No felony convictions or legal mandates that restrict or prohibit employment as a law enforcement officer. Must meet State minimum requirements for peace officers; passage of academy testing and examination process which includes entry-level written examination, submission of medical examination, fingerprints, and a felony disclaimer.

Advisories: None.

This course is designed for basic entry level training for students preparing for positions as Level I Reserve Officers, Police Officers, and Deputy Sheriffs assigned to patrol. This course is certified by the State of California commission on Peace Officer Standards and Training (POST). Upon successful completion, students receive a San Joaquin Delta College Certificate of Completion and are certified by the State of California Department of Justice.

COMPUTER SCIENCE

C S 38 Multimedia Presentations Units 3

Prerequisites: None.

Limitation on Enrollment: None.

Advisories: None.

This course is designed to introduce students to concepts required for creating business presentations with text, graphics, and multimedia capabilities. Students also learn and apply presentation layout and design techniques. (CSU)

FIRE TECHNOLOGY

FIRE 90 Selected Topics: Fire Technology Units 0.5-2

Prerequisites: Successful completion of FIRE 91.

Limitation on Enrollment: None.

Advisories: None.

This course is designed to enable the College to offer instruction in Fire technology not already covered by the existing curricula. This would include newly enacted mandates of the California State Fire Marshal and Agency specific training/instruction needs. Units earned in this course do not count toward the associate degree.

GEOGRAPHY

GEOG 1 Physical Geography Units 3

Prerequisites: Reading level II.

Limitation on Enrollment: None.

Advisories: None.

This course is designed as a study of the natural environment. Individual topics include maps, time zones, seasons, weather, climate, the hydrologic cycle, natural vegetation, soils and landforms. (UC, CSU, CAN GEOG 2, CAN GEOG 6 with both GEOG 1 and GEOG IL)

GEOG 1L Physical Geography Laboratory Units 1

Prerequisites: GEOG 1 or concurrent enrollment in GEOG 1.

Limitation on Enrollment: None.

Advisories: None.

This course is designed as a series of laboratory exercises involving weather, climate and landforms with emphasis on problem solving, map reading and landscape interpretation. The course correlates with topics from Physical Geography. Physical Geography Laboratory plus Physical Geography satisfies the laboratory science requirements for general education. (UC, CSU, CAN GEOG 6 with both GEOG 1 and GEOG IL)

GEOG 2 Cultural Geography Units 3

Prerequisites: Reading level II.

Limitation on Enrollment: None.

Advisories: None.

This course is designed as a systematic review of the major topics in human geography: population, culture (race, language, religion, music), economic activities, settlement patterns, including urbanization, and political geography. (UC, CSU, CAN GEOG 4)

GEOG 10 World Regional Geography Units 3

Prerequisites: Reading level II.

Limitation on Enrollment: None.

Advisories: None.

This course is designed to survey the physical, cultural, and economic geography of the world's regions: Europe, Asia, Africa, the Americas, and Oceania using a regional geographic approach. Current events and regional problems are examined. (UC, CSU)

HEALTH EDUCATION

H ED 80 Selected Topics: Health Education Units 0.5-2

Prerequisites: None.

Limitations on Enrollment: None.

Advisories: None.

This course is designed to offer instruction in one of the specialized areas of Health Education not already covered by existing curricula.

MATHEMATICS

MATH 3 Vector Calculus Units 4

Prerequisites: Reading level II or concurrent enrollment in reading; MATH 2 with a grade of "C" or better.

Limitations on Enrollment: None.

Advisories: None.

This course is an introductory course in the study of calculus of multivariate functions. The course includes a computer laboratory component complementing the lecture component. Lecture and laboratory topics include vectors, parametric curves, polar, cylindrical, and spherical coordinates, partial differentiation, multiple integrals, line and surface integrals, and the theorems of Gauss, Stokes, and Green. (UC, CSU, CAN, MATH 22, CAN MATH SEQ C with both MATH 1, 2, and 3)

MATH 4 Differential Equations Units 4

Prerequisites: Reading level II or concurrent enrollment in reading; MATH 2 with a grade of "C" or better.

Limitations on Enrollment: None.

Advisories: None.

This course is an introductory course in the study of elementary differential equations. The course includes a computer laboratory component complementing the lecture component. Lecture and laboratory topics include first and second order linear differential equations, nonlinear differential equations, power series solution methods, the Laplace transform, solutions near ordinary and singular points, and systems of linear differential equations. (UC, CSU, CAN, MATH 24)

PHILOSOPHY

PHILO 6 Introduction to Philosophy Units 3

Prerequisites: None.

Limitations on Enrollment: None.

Advisories: None.

This course is a survey of issues in philosophy. Competing positions in the fields of metaphysics, epistemology, ethics, and the history of philosophy are presented, discussed, and critically evaluated. Particular areas of inquiry include, but are not limited to: What is philosophy? How should one live? Is knowledge possible? Is there a God? Why evil? (UC, CSU)

PHYSICAL EDUCATION

P E 25A Beginning Basketball Units 0.3-1

Prerequisites: None.

Limitations on Enrollment: None.

Advisories: None.

This course is designed to provide students the fundamentals of basketball and to develop an understanding of the basic game. (CSU)

P E 25B Intermediate Basketball Units 0.3-1

Prerequisites: PE 25A.

Limitations on Enrollment: None.

Advisories: None.

This course is designed to provide students with a review of the fundamentals of basketball and basic strategy. This course emphasizes team play. (CSU)

P E 25C Advanced Basketball Units 0.3-1

Prerequisites: P E 25B.

Limitations on Enrollment: None.

Advisories: None.

This course is designed to provide students with a review of the fundamentals of basketball and basic strategy. Students apply the skills learned to develop a philosophy of basketball. (CSU)

P E 80 Selected Topics: Physical Education Units 0.5-2

Prerequisites: None.

Limitations on Enrollment: None.

Advisories: None.

This course is designed to offer instruction in one of the specialized areas of Physical Education not already covered by existing curriculum.

VOCATIONAL NURSING

VOC NUR 1 Foundations of Nursing Units 8.5

Prerequisites: ANAT 1 or ANAT 2 or BIOL 11; HS 36; HS/FCS 19; PSYCH 1; a grade of "C" or better in each prerequisite course with a minimum GPA of 2.5 from prerequisite courses is required.

Limitations on Enrollment: Admission to the Vocational Nursing or Psychiatric Technician Program.

Advisories: None.

This course is designed to introduce students to the fundamental issues and trends in nursing focusing on the collaborative roles of the Registered Nurse, Licensed Vocational Nurse, Psychiatric Technician and the Certified Nurse Assistant. Included in the content are the basic concepts of anatomy and physiology, the mechanisms of disease, and the sciences of nutrition and pharmacology. Wholism is introduced as the theoretical framework used by students in identification of patient needs. The clinical component of the course focuses on care of the geriatric client. (CSU)