

GRAPHIC DESIGN & MULTIMEDIA • HEALTH EDUCATION

BEFORE ENROLLING IN DEGREE APPLICABLE COURSES, IT IS RECOMMENDED THAT YOU COMPLETE ENGL 001A AND READ 053.

081 • MOTION GRAPHICS WITH AFTER EFFECTS

3.0 units

Total Lecture: 36 hours, Total Lab 54 hours
Advisory: GDES060 and GDES070
Acceptable for credit: California State University

This course focuses on the planning and methodology to design graphics for video and film. The students develop an understanding of the principles of typography, type in motion, optical flow, motion representation and perception. The focus is on creative visual communication using appropriate and effective motion graphics. The students develop skill in the use of After Effects, as well as other appropriate motion graphics software. The students also examine and evaluate a number of case studies. *Pass/No Pass Option.*

082 • GAME DESIGN AND ARCHITECTURE

3.0 units

Total Lecture: 36 hours, Total Lab 54 hours
Advisory: CA 011, Eligibility for ENGL 001A and READ 053
Acceptable for credit: California State University

This introductory course focuses on the planning and methodology of game design. The students will develop an understanding of the conceptual game development process and, game architecture. The students will also examine and evaluate a number of case studies. A basic understanding of computer system operation is required. This course may be offered via distance learning. *Pass/No Pass Option.*

082B • INTERMEDIATE GAME DESIGN

3.0 units

Total Lecture: 36 hours, Total Lab 54 hours
Advisory: GDES 039B, GDES 082, Eligibility for ENGL 001A and READ 053
Acceptable for credit: California State University

This intermediate course focuses on teamwork in designing and building prototype video games. Student teams take initial game ideas and transform them into industry standard design documents. Student teams construct playable prototype examples, based on the game concept documentation. *Pass/No Pass Option.*

083 • DESIGNING WEBSITES FOR E-COMMERCE

3.0 units

Total Lecture: 36 hours, Total Lab 54 hours
Advisory: GDES 045, and GDES 046 or GDES 047
Acceptable for credit: California State University

This course focuses on the planning and methodology of e-commerce Web site design. The students will develop an understanding of the strategic interaction of the business and design processes. Focus will be on creating elements of brand identity for a small business on the Web. The course also includes in-depth examination and comparison of corporate identity, branding and emotional branding in both the old and new economies. The students will also examine and evaluate a number of case studies. *This course may also be offered via distance learning. Pass/No Pass Option.*

085 • PROFESSIONAL PORTFOLIO AND DESIGN CAREER PREPARATION

2.0 units

Total Lecture: 18 hours, Total Lab 54 hours
Advisory: GDES 055A and GDES 060
Acceptable for credit: California State University

This course will introduce students to the basic principles of professional portfolio preparation and freelance design work. The student will prepare the necessary materials, such as logos, business cards, stationery, direct mail pieces, etc. to present a professional image. The course will include portfolio evaluation, sales techniques and procedures to set up a successful design office. *Pass/No Pass Option.*

087 • TRADESHOW EXHIBIT DESIGN

3.0 units

Total Lecture: 36 hours, Total Lab 54 hours
Advisory: GDES 055A and ART 034A
Acceptable for credit: California State University

This course will introduce students to the principles of successful exhibit design. The student will learn how to set design objectives and deal with space design, colors, materials and promotional strategies using both traditional and 3D computer generated methods. The course has a strong emphasis on creative problem solving. *Pass/No Pass Option.*

939AS • SUPPLEMENTAL LAB

1.0 unit

Total Lab 54 hours
Corequisite: GDES 039A

This is a course to provide supplemental instruction for GDES 039A, Introduction to Animation Using Maya. *Pass/No Pass Only*

HEALTH EDUCATION (H.ED)

DIVISION: Applied Science
DEPARTMENT: Health Occupations
DEAN: Danny Nguyen
DIVISION CHAIR: Janice Morgan
PHONE: 408-855-5397
COUNSELING: Dr. Carol Beck
PHONE: 408-855-5030

The following Health Education courses satisfy the State Board of Education requirements for certification of Elementary and Secondary Teaching Credentials in the areas of personal, family, and community health, including the effects of alcohol, tobacco, dangerous drugs and narcotics on the human body and thus are transferable to state colleges and universities to meet the above-mentioned teaching credential requirements.

Student Learning Outcomes:

Upon completion of courses in Health Education students will:

1. Identify and define dimensions of health/wellness.
2. Demonstrate theoretical knowledge and awareness of implementing healthy lifestyle behaviors.
3. Identify strengths and weaknesses involved their own health/wellness lifestyle and identify behaviors to improve their own health/wellness lifestyle.
4. Demonstrate the ability to provide first aid and CPR to adult victims.

Students will be assessed through examinations, quizzes, written reports, practical exercises, and skills demonstrations.

HEALTH EDUCATION (H.ED)

002 • HEALTH AND LIFESTYLE

3.0 units

(2 A,B,C,D,E,F • HEALTH & LIFESTYLE)

(0.5 unit each)

Total Lecture: 54 hours, 9 hours

Advisory: MATH 900

Acceptable for credit: University of California, California State University

This course is designed to provide the student with learning experiences that will lead to a better understanding of the concept of a healthy lifestyle. The emphasis is on changing unhealthy behaviors to healthy ones. Major topics covered in class are: understanding behavior and change, cardiovascular health, fitness, nutrition and weight control, stress, drug and alcohol abuse, self-care and the use of the health care system. *NOTE: This course may also be taken in modules. Pass/No Pass Option.*

004 • STANDARD FIRST AID

0.5 unit

Total Lecture: 9 hours

Acceptable for credit: University of California, California State University

The American Red Cross Workplace Standard First-Aid course is a first aid and cardiopulmonary resuscitation (CPR/AED) training program to prepare individuals to respond to injuries and sudden illness that may arise in the workplace. This course covers the use of AED's (automated external defibrillators) and has scenarios to facilitate discussion of appropriate care in first aid emergencies. Participants will receive American Red Cross certificates in Adult CPR/AED and First-Aid. May be repeated two times. *Materials Fee. Pass/No Pass Option.*

009 • DRUG ABUSE AND HUMAN DISEASE

2.0 units

Total Lecture: 36.8 hours

Advisory: MATH 900

Acceptable for credit: California State University

Drug Abuse and Human Disease is a course designed to develop knowledge, attitudes and behavior patterns that contribute to a better understanding of: 1) the use and misuse of drugs, alcohol and tobacco in our society; and 2) people as they relate to their environment in the areas of disease, mental health, population and environmental health. *Pass/No Pass Option.*