

HEALTH SCIENCES

COURSE: Introduction to Health Careers (one semester)

Grades eligible: 9 – 10

Prerequisite: None

Course Number: 3029

Course Description: *Introduction to Health Careers is an 18-week course. The goals of the course are to nurture the interests of the students in the areas of science and health. Appropriate workplace behaviors will be reinforced within the course structure. Industry partners (professions) will participate in the instruction and evaluation of the students enrolled. Students will exit with a personal professional portfolio. At the completion of this course, students will then enter the Health course for an additional 18 weeks.*

COURSE: Health (one semester)

Grades eligible: 9 – 10

Prerequisite: None

Course Number: 3029

Course Description: *The Health course is an 18-week course. This one- semester health unit incorporates the existing nine-week Family Life curriculum and adds instruction in nutrition, substance abuse, disease, safety and emergency care. The goal is to adequately inform students on various important health issues.*

COURSE: ROP Health Careers / Human Anatomy (2 hours)

Grades eligible: 11 – 12

Prerequisite: None

Course Number: 8354

Course Description: *This course introduces the student to health care. An emphasis is placed on a set of common skills and knowledge applicable to many health care disciplines including medical terminology. Students will investigate career choices by job shadowing in the area of interest. Guest speakers from a wide variety of health professions will inform students of specific health careers along with job market employability. The instructor for this course is a registered nurse.*

... a "Certificate of Completion" (used for job employment) will be given to students upon completion of this year-long course

COURSE: ROP Pre-Nursing (2 hours + 1 hour lab)Grades eligible: 12th only

Prerequisite: 2.5 gpa, excellent attendance, and completion of English III or teacher approval

Course Number: 8392 (lab #: 8400)

Course Description: *This course introduces the student to nursing and nursing practices. Included are studies of medical terminology and practices that nurses deal with on a regular daily on-going basis. Students will be able to gain a real insight into the field of nursing by job shadowing during the second semester of this course. Students will be able to view actual surgical procedures performed by doctors. A field trip to CSUF and Madera Community Hospital is also included. The instructor for this course is a registered nurse.*

... a "Certificate of Completion" (used for job employment) will be given to students upon completion of this year-long course

COURSE: ROP Athletic Training (1 hour + 1 hour lab)-Offered on odd year

Grades eligible: 11 – 12

Prerequisite: none

Course Number: 8402 (lab #: 8403)

Course Description: *This course is for those students interested in pursuing and working with people in sports injuries. Physical therapy and other health-related fields will be the main focus of this course. Students will be working closely with the high school's athletic teams and trainers. Participation with middle schools will also be involved. Medical terminology, Human anatomy, taping injuries and first aide will also be taught. Certification upon completion of this course will be received upon students passing a test. Physical therapy is a fast growing job-market field.*

... a "Certificate of Completion" (used for job employment) will be given to students upon completion of this year-long course

COURSE: ROP Sports Medicine/Fitness (1 hour + 1hour lab)-Offered on even year

Grades eligible: 11 – 12

Prerequisite: None

Course Number: 8406

Course Description: This course is designed to connect instruction of biological science, English, and mathematics to concepts in physical therapy, athletic training, and fitness. This strategy will involve problem-solving tasks related to Sports Medicine. It is the goal of this course to empower the student with the understanding and skills associated with the healing and conditioning processes resulting from the methods used in physical therapy and physical conditioning of the human body.

...a “Certificate of Completion” (used for Job employment) will be given to students upon completion of this year-long course

HUMAN ANATOMY AND PHYSIOLOGY

(see Science for description)

HONORS HUMAN ANATOMY AND PHYSIOLOGY

(see Science for description)