



COMPUTERS/HEALTH

COMPUTER APPLICATIONS I (paired with Health)

Credit 1/2 1507/02003100 9-12

The purpose of COMPUTER APPLICATIONS is to introduce students to principles, concepts, and processes in computer applications. The course will provide opportunities for students to develop knowledge and skills regarding applications of computers. The content includes, but is not limited to, computer components and terminology, computer capabilities and limitations, computer careers, computer uses in various fields, the role and implications of computers in society, and the use of commercially available software, and utilization of software programs in database management, word processing, graphics, telecommunications, and spreadsheet analysis. Hands-on learning opportunities are an integral part of this course.

PREREQUISITE: None

Special Note: Satisfies computer literacy requirement

HEALTH I - LIFE MANAGEMENT SKILLS(paired with Computer I Applications)

4393/08003000 9-12

Health I provides students with opportunities to develop and enhance critical life management skills necessary to make sound decisions and take positive actions for healthy and effective living. The content should include but not be limited to, the following.

- human growth and development through adulthood
- positive emotional development, including suicide and violence prevention communication, interpersonal, and coping skills
- responsible decision-making and planning.
- nutrition, physical activity, weight management
- tobacco, alcohol, and other drug use and abuse
- consumer knowledge
- health-related community resources
- safety education, including one rescuer cardiopulmonary resuscitation (CPR) first aid for obstructed airway, and injury prevention
- disease prevention and control, including HIV/AIDS and other STDs
- family life education, including human sexuality, abstinence, and pregnancy prevention
- personal health and individual wellness planning
- health advocacy skills
- breast cancer and testicular cancer detection and self-examination

PREREQUISITE: None

Special Note: Meets graduation requirement for Health/Life Management Skills.

CARE AND PREVENTION OF ATHLETIC INJURIES

(Paired with Outdoor Education)

5564/15024900

Credit 1 10-12

Care and Prevention of Athletic Injuries provides students with opportunities to acquire knowledge and skills relating to the nature, prevention, care and rehabilitation of athletic injuries that may be used in recreational pursuits today as well as in later life. The content includes knowledge of injury prevention, identification, management, and rehabilitation, knowledge of anatomy and physiology as related to athletic injuries and knowledge of conditioning methods.

PREREQUISITE: None

Special Note: This is a year long course, although second semester the schedule will note **OUTDOOR EDUCATION**.

COMPUTER PROGRAMMING I

1508/02013000

Credit 1 9-12

The purpose of COMPUTER PROGRAMMING is to introduce the beginning level of programming. The content includes, but is not limited to, programming methodology, the design and modification of algorithms, data structures, applications development and the writing of computer programs in the selected language. Topics included will be subroutines, looping, branching, string functions, subscripted variables, matrices, string manipulations, sorting techniques and data files.

PREREQUISITE: Teacher recommendation and Algebra I

Special Note: Satisfies computer literacy requirement.