Outline of Instruction

Division: Health Sciences
Area: Health-Physical Education
Course Number: HPE 212
Course Name: Principles of Safety
Prerequisite: None
Corequisite: None

Hours Required: Class: 45 Lab: 0 Credits: 3

Course Description/Purpose

This course is designed to introduce students to the field of safety and injury prevention. Accident control and disaster preparation are examined in different settings including: at home, in the workplace, during recreation and in motor vehicles. Safety management is studied as it relates to hazard identification, accident investigation and injury prevention. Accident data and sources of data are examined. Students will be instructed on how to plan, develop and execute safety and accident prevention control programs.

Major Units

• Theories of Injury
  Safety and Injury Data
  Risk Groups and Injury Patterns
• Safety in the Home
  Firearm Safety
  Fires
  Consumer Product Safety
• Safety in the Workplace
  Occupational Safety and Health Act
  Violence in the Workplace
• Motor Vehicle Safety
  Seat Belts and Air Bags
  Speed and Alcohol
• Recreational Safety
  Water Safety
  Cycle Safety
• School and Institutional Safety
  Disaster Safety
  Exposure Control Plans
Educational/Course Outcomes

Student learning will be assessed by a variety of methods, including, but not limited to, quizzes and tests, journals, essays, papers, projects, laboratory/clinical exercises and examinations, presentations, simulations, portfolios, homework assignments, and instructor observations.

**Cognitive**  Each student will be expected to *Identify/Recognize* . . .

- the most common environment in which injuries occur, typical types of injuries for each setting, and the people likely to be injured;
- the agent - host - environmental model as it applies to the occurrence of injuries;
- the economic impacts of preventable accidents;
- responsibilities of Centers for Disease Control and Prevention (CDC) and Occupational Safety and Health Administration (OSHA) and other governmental agencies regarding safety and injury prevention.

**Performance**  Each student will be expected to *Demonstrate/Practice* . . .

- heightened awareness of safety and prevention that will lead to reduced risk of injury;
- behavioral assessment of specific safety and injury prevention practices;
- the key features of a standard Exposure Control Plan (ECP);
- the key elements of a community disaster preparedness plan.

**Attitudinal**  Each student will be expected to *Believe/Feel/Think* . . .

- they can make a difference in reducing the number and seriousness of home, workplace, highway, and institutional injuries and disease.