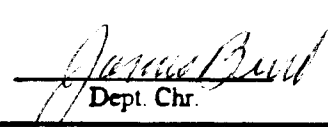



ROWAN UNIVERSITY CURRICULUM PROPOSAL

PROPOSAL TITLE:Safety, First Aid and Prevention ①CHECK APPROPRIATE: UNDERGRADUATE GRADUATE SEMESTER HOURS

SPONSOR(S): Juan Ranero, Chuck Whedon. Department of Health and Exercise Science

DEPARTMENT/TELEPHONE # X4785

CHECK ONE: COURSE MINOR PROGRAM CONCENTRATION SPECIALIZATION
 ACHIEVEMENT CERTIFICATE CERTIFICATION PROGRAM MAJOR PROGRAM**Step #1 (Department)** Approved (Date)
 Not Approved (Date)
Dept. Curriculum Chr.Oct '97
Reviewed (Date)
Dept. Chr.**Step #2 (Receipt)**SCC# 97-98-12310/24/97
Date Received Senate
Senate Curriculum Chr.**Step #3 (School)**Reviewed Date: 11/3/97 Recommend to Approved
 Recommend NOT to Approve

Forward for Open Hearing:

 WITHOUT Reservations WITH Reservations:Comments: wt required change
School Committee Chr.Step #4 (Academic Dean): Recommended NOT Recommended Conditionally Recommended (See Comments)


Comments:

Dean Signature/Date Step #5 (Senate Curriculum Committee): Open Hearing Date: 3-23-98 Approved by Curriculum Committee Date 3-23

Returned to Sponsor(s) for the following reason:

Step #6 (Senate) Date announced/voted on at Senate 4/28 If voted on: Approved NOT Approved

Date forwarded to Executive Vice President/Provost _____

Senate Curriculum Committee chair Signature/Date:  5/11/98

Step #7 (Executive Vice President/Provost): Date Received _____

___ Approved

___ NOT Approved If no, reasons are as follows:

Student Credit Hours _____

Faculty Load Hours _____

Equalized Credit Hours _____

Official Copy & Approval Sheet Filed (Date) 5/26/98

Executive Vice President/Provost Signature C. A. Peterson

Registrar

Date Approved Course Description Received 5/26/98

Hegis Taxonomy and Course Number Assigned _____

Date/Signature of Registrar 5/26/98 [Signature]

Notification Forward:

_____ Senate Curriculum Committee Chairperson

_____ Department Chairpersons

_____ Academic Dean(s)

_____ Registrar

_____ Sponsor(s)

**Rowan University
Course Proposal**

1. Details

- a. Title: Safety, First Aid and Prevention
- b. Sponsors: Juan Ranero, MA
Chuck Whedon, MS, ATC/R
- c. 3 Semester Hours
- d. Course level: Undergraduate, freshman level for athletic training specialists, junior level for other specialists.
- e. Prerequisites: none
- f. Implementation: two sections in the Fall, one section in the Spring, beginning Fall 1998
- g. Curricular effect: This new 3 credit hour course combines the old 2 credit hour course "Safety and First Aid" with the old 1 credit hour course "The Prevention and Treatment of Athletic Injuries". The new course will be a major requirement for all students within the Health and Exercise Science Program. No additional curriculum hours will be added as a result.
- h. Adequacy of resources: Current faculty are available to teach this course. Present facilities for the lecture portion of this class is adequate. Laboratory facilities could be developed for optimal student preparation.
- i. Library resources: current holdings are adequate.

2. Rationale:

Those responsible for the safety and health of active individuals must be prepared to use techniques which reduce the risk of injury to students they oversee. In the event of injury or serious illness, the Health and Exercise Science Specialist must be prepared to provide immediate life support and/or first aid to individuals under their supervision. Teaching exercise scientists must also be able to convey the components of injury/illness prevention and immediate management.

This course is intended to incorporate some of the objectives from the course, Prevention and Treatment of Athletic Injuries into the proposed course. This will expand this course from two to three credits, more appropriately addressing factors associated with safety and immediate management of injuries/illnesses.

3. Essence of the course

- a. Objectives: Upon completion this course the student will/will be able to:
 1. Know that trauma is one of the leading causes of death in the U.S. and recognize the need for immediate treatment.
 2. Identify propriety cases in first aid and develop skills necessary to give a systematic exam to evaluate the extent of a victim's illness or injury.
 3. Monitor vital signs and be able to identify significant changes.
 4. Develop knowledge and skills in CPR which include artificial respiration and foreign body obstruction.
 5. Develop techniques of bandaging to control bleeding and prevent contamination.
 6. Understand various types of shock as they relate to different illnesses and injuries.
 7. Know first aid techniques in handling poisonous situations.
 8. Understand the contribution they can make to the community when certified in first aid.
 9. Recognize potentially dangerous or threatening situations related to childhood activities.
 10. Identify and interpret information, directions, labels and warnings found in common products in a home setting.
 11. Analyze a health profile to determine potential health risks associated with risk factors and lifestyle.
 12. Demonstrate and apply decision-making and refusal skills in situations affecting health and safety.
 13. Describe and demonstrate effective communication skills, decision-making skills, negotiation skills, and assertiveness in situations that influence adolescent health and safety.

14. Describe and recognize the impact of crisis, stress, rejection, separation, and loss, and be able to develop a coping strategy in a first aid situation.
15. Recognize the physical and behavioral symptoms of substances that may be misused for mood-altering effects.
16. Describe how the use, misuse and abuse of certain substances contribute to the incidence of illness and injury.
17. Understand the concept of drug interaction.
18. Analyze the impact of chemical substances on development, behavior and activities.
19. Describe how fitness activities enhance wellness.
20. Describe how sports injuries can be prevented.
21. Classify injuries according to pathology and severity.
22. Understand the core curriculum standards as they relate to safety, first aid and prevention.

b. Topical outline

Introduction

1. Introduction: The First Responder
2. Concepts of prevention and safety as related to injury and illness
3. Anatomy of the Human Body
4. Patient Assessment

Basic Life Support

5. Airway Care and Pulmonary Resuscitation
6. Cardiopulmonary Resuscitation
7. Control of Bleeding
8. Shock

Wounds and Fractures

9. Wounds and Bandaging
10. Specific Injuries: Head, Spine, Chest and Abdomen
11. Injuries to the Extremities: Bone, Joint, and Muscle Injuries

Medical Emergencies

12. Poisoning Emergencies
13. Drug and Alcohol Emergencies
14. Medical Emergencies: Heart Attack, Stroke, Epilepsy, Asthma
15. Emergency Childbirth

Environmental Emergencies

16. Burn Emergencies

17. heat and Cold Emergencies

Psychological Emergencies and Disasters

18. Psychological Emergencies and Disasters

Stabilization and Transfer

19. Lifting and Moving Patients

20. Gaining Access

Appendix - Assessing Blood Pressure

c. Evaluation and Grading Procedure

1. Mandatory attendance will be considered for certification
2. Quality of outside assignment
3. Laboratory experiences
4. Written examinations
5. Skills testing

d. Course evaluation

1. student evaluation
2. review by departmental sponsors
3. review by departmental curriculum committee

4. Letters of Consultation are not required for this course.

Catalogue Description

Safety, First Aid and Prevention
3 semester hours

This course is a lecture/laboratory experience that meets standards established by the American Red Cross. The content of the course addresses the theories behind the safety and prevention of common injuries and illnesses. The course focuses on first aid principles, along with the knowledge and skill development that can be of value to one's self as well as others. Successful completion of this course leads to certification in CPR as well as Standard First Aid and Personal Safety.