

Prepared by the Department of Health Sciences

Date of Departmental Approval: October 27, 2008

Date approved by Curriculum and Programs: November 10, 2008

Effective: Fall 2009

1. **Course Number:** HEA132  
**Course Title:** Advanced First Aid & Emergency Care/Basic Life Support/First Responder
2. **Description:** The course provides comprehensive and advanced coverage of first aid skills for treatment of illness or injury, as well as Basic Life Support/Healthcare Provider (BLS/HCP) for the professional rescuer. Upon successful completion of the course, the participants receive certification as a First Responder in accordance with Massachusetts General Law chapter 111: Section 201 and Basic Life Support for the Healthcare Provider in accordance with the standards established by the Committee on Cardiopulmonary Resuscitation and Emergency Cardiac Care of the American Heart Association.
3. **Student Learning Outcomes:**  
Upon successful completion of this course, students are able to do the following:
  - Demonstrate the knowledge and skills to provide advanced first aid care.
  - Operate within the established protocols for treatment of the sick and injured.
  - Perform skills with regard to:
    - Recognizing medical emergencies
    - Evaluating the sign and symptoms of illness or injury
    - Applying proper treatment
    - Collecting and recording patient information
4. **Credits:** 3 credits
5. **Satisfies General Education Requirement:** No
6. **Prerequisite:** None
7. **Semester(s) Offered:** Fall, Spring
8. **Suggested General Guidelines for Evaluation:** Practical skills, Written/Oral Critique; Research Project/Term Project; Class Participation. Students must successfully complete (with a score of 80% or above) all aspects of the final skills exam to be eligible for certification.
9. **General Topical Outline (Optional):**

Emergency care, triage and accident facts	Practice assessment
Group dynamics/trust activities	Bandaging and splinting
Human body systems and homeostasis	Burns and seizure
Vital signs and blood pressure	Respiratory emergencies
Pro-rescuer CPR and AED and Primary survey	Hypo and hyperthermia
CPR and AED cognitive knowledge	Emergency childbirth
Patient assessment and secondary survey	Diabetes and stroke
Universal precautions and bloodborne pathogens	Alcohol and drug emergencies
Bleeding, wound care and shock	Crisis intervention
Skeletal system injuries	Behavioral emergencies
Head, neck and spinal injuries	Emergency moves and rescues
Specific body injuries, internal and external	Practice of practical skills