**BARTON COMMUNITY COLLEGE**

**COURSE SYLLABUS**

1. GENERAL COURSE INFORMATION

Course Number: PHED 1246

Course Title: First Aid and Emergency Care

Credit Hours: 3

Prerequisites: None

Division/Discipline: Academics/Health, Physical Education and Recreation

Course Description: This course covers the knowledge and skills required to provide temporary and immediate care to a person who has been injured or who suddenly becomes ill. Successful completion of this course provides for certification by American Heart Association First Aid; and Adult, Child, and Infant CPR.

1. INSTRUCTOR INFORMATION
2. COLLEGE POLICIES

Students and faculty of Barton Community College constitute a special community engaged in the process of education. The College assumes that its students and faculty will demonstrate a code of personal honor that is based upon courtesy, integrity, common sense, and respect for others both within and outside the classroom.

Plagiarism on any academic endeavors at Barton Community College will not be tolerated. The student is responsible for learning the rules of, and avoiding instances of, intentional or unintentional plagiarism. Information about academic integrity is located in the Student Handbook.

The College reserves the right to suspend a student for conduct that is determined to be detrimental to the College educational endeavors as outlined in the College Catalog, Student Handbook, and College Policy & Procedure Manual. (Most up-to-date documents are available on the College webpage.)

Any student seeking an accommodation under the provisions of the Americans with Disability Act (ADA) is to notify Student Support Services via email at [**disabilityservices@bartonccc.edu**](mailto:disabilityservices@bartonccc.edu)**.**

1. **COURSE AS VIEWED IN THE TOTAL CURRICULUM**

Information presented in this course will be valuable for any student interested in learning the knowledge and skills required to help an injured or suddenly ill person before professional emergency care can be provided. Knowledge and training in first aid skills are needed by people in all walks of life. This course will allow you to provide emergency care for family, friends, and coworkers, individuals under your care or supervision, and the general populous needing basic life support.

This course meets Physical Education Health and Performance elective credit requirements for BCC graduation and should transfer to four year institutions as such. Students are responsible to obtain relevant information from intended transfer institutions to insure that the courses the student enrolls in are the most appropriate set of courses for the transfer program.

1. **ASSESSMENT OF STUDENT LEARNING**

Barton Community College is committed to the assessment of student learning and to quality education. Assessment activities provide a means to develop an understanding of how students learn, what they know, and what they can do with their knowledge. Results from these various activities guide Barton, as a learning college, in finding ways to improve student learning.

Course Outcomes, Competencies, and Supplemental Competencies

1. Discuss the importance of having a full understanding of the legalities associated with providing First Aid, performing CPR and using an AED.
   1. Describe and explain the Good Samaritan Laws, negligence, abandonment, and proper consent.
   2. Explain the standard assessment of a scene, how to properly triage a scene and how to appropriately engage in the situation.
   3. Describe and explain the differences and hierarchy associated with emergency medicine.
   4. Identify and list the guidelines for proper use and implementation of personal protective equipment.
   5. Identify and describe a safe scene, and what constitutes an unsafe scene.
2. Demonstrate how to perform the correct technique for cardio-pulmonary resuscitation and an automated external defibrillator.
   1. Explain the importance of the cardiac chain of survival, including early recognition and early access.
   2. Perform the proper life saving techniques for adults, children and infants.
   3. Demonstrate an understanding of when to perform CPR and when one may be relieved of those duties.
   4. Outline the steps or procedures to follow when providing basic life support.
   5. Recognize the difference between cardiac arrest/distress versus respiratory arrest/distress.
   6. Describe the care for conscious and unconscious choking for an adult, child and infant.
3. Describe and identify the different types of musculoskeletal injuries an individual might encounter while performing first aid.
   1. List and describe the signs and symptoms of acute musculoskeletal injuries, how to perform an initial and secondary assessment when necessary, and how to manage musculoskeletal injuries.
   2. Describe how to recognize and care for injuries to the upper extremities, lower extremities, and serious injuries to the head, neck and back.
   3. Explain when to immobilize musculoskeletal injuries and perform proper splinting techniques of the extremities and head, neck and spine.
   4. Demonstrate a general understanding regarding when to refer a musculoskeletal injury to proper medical personnel.
4. Identify, describe and manage the different types of conditions affecting the integumentary system.
   1. List the signs and symptoms of severe bleeding, closed wounds, infected wounds, shock, and internal bleeding.
   2. Perform proper care for various types of wounds, including lacerations, abrasions, puncture, impaled objects, and avulsions.
   3. Identify, care for, and manage the various types of burns, including heat, chemical, thermal, and electrical.
   4. Identify, care for, and manage the various bites that affect the skin, including insect, spider, tick, snake, animal, aquatic and human.
   5. Identify, care for, and manage the various stings that affect the skin including insect, scorpion, and aquatic.
   6. List and identify the signs and symptoms of poison and the different ways it enters the body, and anaphylaxis.
   7. List and describe the ways poisoning can be prevented as well as the role of the poison control center.
5. Explain, discuss and identify the various sudden illnesses that can influence the body and its normal state.
   1. Describe how to recognize and care for a person suspected of having a diabetic emergency, seizure, stroke, and transient ischemic attack.
   2. Describe the recognition, prevention and management of heat cramps, heat syncope, heat exhaustion, and heat stroke.
   3. Describe the recognition, prevention and management cold related illnesses including frostbite and hypothermia.
6. Explain how to recognize and care for internal and external to the chest, abdomen, and pelvis.
   1. Identify signs and symptoms of shock, internal bleeding, and spinal injuries.
   2. Demonstrate how to perform emergency moves, and identify the most appropriate emergency move for a victim of a suspected head or spine injury.

1. INSTRUCTOR'S EXPECTATIONS OF STUDENTS IN CLASS
2. TEXTBOOKS AND OTHER REQUIRED MATERIALS
3. REFERENCES
4. METHODS OF INSTRUCTION AND EVALUATION

###### **ATTENDANCE REQUIREMENTS**

1. COURSE OUTLINE