

Montgomery County Community College
 ESW 245
 Safety and First Aid
 3-3-0

COURSE DESCRIPTION:

This course is designed to develop and provide the citizen responder with the knowledge and skills necessary to help sustain life and minimize the consequences of injury or sudden illness until advanced medical care arrives. American Heart Association certifications in Heartsaver First Aid; Adult/Child and Infant Cardiopulmonary Resuscitation (CPR) and Automated External Defibrillator (AED) are available upon meeting certification requirements. This course is subject to a course fee. Refer to <http://mc3.edu/adm-fin-aid/paying/tuition/course-fees> for current rates.

REQUISITES:*Previous Course Requirements*

- ENG 010A Basic Writing or ENG 011 Basic Writing II or ESL 011 ESL Basic Writing II
- REA 011 Fundamentals of College Reading or REA 017 Vocabulary and Reading Comprehensive Development II

Concurrent Course Requirements

None

LEARNING OUTCOMES Upon successful completion of this course, the student will be able to:	LEARNING ACTIVITIES	EVALUATION METHODS
1. Identify potentially hazardous conditions, recognize emergencies and make decisions for first aid care.	Lecture/Discussion Written Examinations Skill Demonstrations Videos Presentations Written Assignments Case Studies Research	Written Examinations Skill Demonstrations Written Assignments Case Studies Presentations Research
2. Analyze accident prevention procedures.	Lecture/Discussion Written Examinations Skill Demonstrations Videos Written Assignments Case Studies	Written Examinations Skill Demonstrations Written Assignments Case Studies

LEARNING OUTCOMES	LEARNING ACTIVITIES	EVALUATION METHODS
3. Identify criteria to prevent personal health and safety emergencies.	Lecture/Discussion Written Examinations Skill Demonstrations Videos Written Assignments Case Studies	Written Examinations Skill Demonstrations Written Assignments Case Studies
4. Administer appropriate first aid care for victims of injuries or sudden illnesses.	Lecture/Discussion Written Examinations Skill Demonstrations Videos Written Assignments Case Studies	Written Examinations Skill Demonstrations Written Assignments Case Studies
5. Discuss the importance of first aid as a civic responsibility.	Lecture/Discussion Written Examinations Skill Demonstrations Videos Presentations Written Assignments Case Studies Research	Written Examinations Skill Demonstrations Written Assignments Case Studies Presentations Research
6. Qualify for American Heart Association Heartsaver First Aid, Adult/Child, and Infant CPR/AED certificates.	Lecture/Discussion Written Examinations Skill Demonstrations Videos	Written Examinations Skill Demonstrations

At the conclusion of each semester/session, assessment of the learning outcomes will be completed by course faculty using the listed evaluation method(s). Aggregated results will be submitted to the Associate Vice President of Academic Affairs. The benchmark for each learning outcome is that *70% of students will meet or exceed outcome criteria*.

SEQUENCE OF TOPICS:

- A. Preliminaries: Health Precautions and Guideline for First Aid Training
 - 1. Centers for Disease Control (CDC) guidelines for prevention of disease transmission
 - 2. Measures for prevention of cross contamination when using practice manikins
 - 3. Safety precautions observed for students with physical conditions which limit participation in some skill practice sessions
 - 4. Individualized adaptation of practice sessions for students with physical limitations

- B. Introduction
- C. Assessment
 - 1. Check Call Care
 - 2. Compression Airway Breathing (CAB)
- D. Life-Threatening Emergencies
 - 1. Breathing emergencies
 - 2. Cardiac emergencies/AED procedures
 - 3. Bleeding - internal/external
 - 4. Shock
- E. Injuries
 - 1. Soft tissue injuries
 - 2. Musculoskeletal injuries
 - 3. Injuries to the head and spine
 - 4. Injuries to the chest, abdomen, and pelvis
- F. Medical Emergencies: Sudden Illness
 - 1. Definition, recognition, and general principles of care
 - 2. Acute (rapidly occurring) medical problems and emergencies: Prevention of, recognition of, and care for each
 - 3. Chronic (slowly developing) medical problems and/or emergencies
- G. Rescue: Reaching and Moving Victims
- H. Delayed Help: Wilderness Emergencies
- I. Diversity Adaptations
 - 1. Implications and adaptations of first aid on victims from select religious and/or ethnic groups
 - 2. Influences of age, gender, and socioeconomic status on: risk of injury and/or sudden illness; reaction to injury and/or sudden illness; response to care; legal responsibilities of citizen responders
 - 3. First aid care for the handicapped and/or disabled

LEARNING MATERIALS:

Required textbook:

American Heart Association. (2011). *HeartSaver: First Aid, CPR, AED*. Dallas: AHA.

Karren, K., Hafen, B., Mistovich, J., and Limmer, D. (2012). *First Aid for Colleges and Universities, 10/E*. New York: Benjamin Cummings.

Other learning materials may be required and made available directly to the student and/or via the College's Libraries and/or course management system.

COURSE APPROVAL:

Prepared by:		Date:	
Revised by:	Joselle Edwards	Date:	2/2007
Revised by:	Dr. Anne Livezey and Marie Cantwell	Date:	2/2009
VPAA/Provost Compliance Verification:	Dr. John C. Flynn, Jr.	Date:	9/11/2009

Revised by:	Anne Livezey, Joselle Edwards, and Marie Cantwell	Date:	6/2011
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Revised by:	Anne Livezey	Date:	6/2013
VPAA/Provost or designee Compliance Verification:	Victoria L. Bastecki-Perez, Ed.D.	Date:	7/1/2013

Revised by:	Anne Livezey	Date:	1/8/2018
VPAA/Provost or designee Compliance Verification:		Date:	1/10/2018



This course is consistent with Montgomery County Community College's mission. It was developed, approved and will be delivered in full compliance with the policies and procedures established by the College.