

SYLLABUS

CODE: FITN 176

TITLE: EMT

INSTITUTE: Health Science

DEPARTMENT: Allied Health and Fitness

COURSE DESCRIPTION: This course prepares students as an Emergency Medical Technician. Students will learn how to manage medical emergencies including bleeding, fractures, airway obstruction, emergency childbirth and cardiac emergencies. Course work emphasizes the use and maintenance of common emergency equipment such as backboards, suction devices, splints, oxygen delivery systems, and stretchers. Program graduates must pass a written examination administered by the State Department of Health in order to receive certification as an Emergency Medical Technician.

PREREQUISITES: Current Professional Level CPR Card; American Red Cross or American Heart

COREQUISITES: None

CREDITS: 6

LECTURE HOURS: 5

LAB HOURS: 3

REQUIRED MATERIALS:

Limmer, O'Keefe, Grant, Murray, Bergeron (2021) Emergency Care PLUS MyBrady Lab with Pearson eText – Access Card package (14th ed) Hoboken, NJ: Pearson. Any other supportive materials will be provided by course

ADDITIONAL TIME REQUIREMENTS:

1. Some mandatory sessions must be on weekends so the course does not span more one semester.
2. Possible alternative may mean having class 3 nights a week.
3. 10 hours in-hospital time required.

COURSE LEARNING OUTCOMES:

Upon completion of this course, students will be able to:

- Demonstrate assessment of a patient with a medical emergency.
- Administer appropriate emergency medical care based on assessment findings of the patient's conditions.
- Lift, move, and position the patient in a manner that minimizes discomfort and prevents further injury.
- Transport patients in a safe and effective manner.
- Communicate appropriately with patients and family and healthcare professionals.

GRADING STANDARD:

Students must pass a written and practical test for each of the seven course modules in sequential order. They must also pass a final practical exam given at the course in order to sit for the New Jersey State Department of Health administered final written exam. Students are required to have 100% course attendance and completion of all MyBRADYLab lessons and quizzes.

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All MyBRADYLab lessons, quizzes and hospital time must be complete within schedule. 70 is passing score for the course.

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| A | = | 94 or above |
| A- | = | 90 ~ 93 |
| B+ | = | 87 ~ 89 |
| B | = | 83 ~ 86 |
| B- | = | 80 ~ 82 |
| C+ | = | 75 ~ 79 |
| C | = | 71 ~ 74 |
| D | = | 70 |
| F | = | Below 70 |

WITHDRAWAL:

- ◆ Please refer to College calendar and New Jersey Department of Health Policies regarding withdrawal procedures, policy and deadline.

ATTENDANCE:

- ◆ 100% attendance at all sessions is required.
- ◆ Makeups may be required at other facilities or by video/book report method. All makeups must be accomplished prior to the finish practical exam.

COURSE CONTENT:

SECTION 1 FOUNDATIONS

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| Chapter 1 | Introduction to Emergency Medical Care |
| Chapter 2 | The Well-Being of the EMT |
| Chapter 3 | Lifting and Moving Patients |
| Chapter 4 | Medical, Legal, and Ethical Issues |
| Chapter 5 | Medical Terminology |
| Chapter 6 | Anatomy and Physiology |
| Chapter 7 | Principles of Pathophysiology |
| Chapter 8 | Life Span Development |

SECTION 2 AIRWAY MANAGEMENT, RESPIRATION, AND ARTIFICIAL VENTILATION

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| Chapter 9 | Airway Management |
| Chapter 10 | Respiration and Artificial Ventilation |

SECTION 3 PATIENT ASSESSMENT

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| Chapter 11 | Scene Size-Up |
| Chapter 12 | Primary Assessment |
| Chapter 13 | Vital Signs and Monitoring Devices |
| Chapter 14 | Principles of Assessment |
| Chapter 15 | Secondary Assessment |
| Chapter 16 | Reassessment |
| Chapter 17 | Communication and Documentation |

SECTION 4 MEDICAL EMERGENCIES

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| Chapter 18 | General Pharmacology |
| Chapter 19 | Respiratory emergencies |
| Chapter 20 | Cardiac Emergencies |
| Chapter 21 | Resuscitation |

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Chapter 22 Diabetic Emergencies and Altered Mental Status
Chapter 23 Allergic Reaction
Chapter 24 Infectious Diseases and Sepsis
Chapter 25 Poisoning and Overdose Emergencies

Chapter 26 Abdominal Emergencies
Chapter 27 Behavioral and Psychiatric Emergencies and Suicide
Chapter 28 Hematologic and Renal Emergencies

SECTION 5 TRAUMA

Chapter 29 Bleeding and Shock
Chapter 30 Soft-Tissue Trauma
Chapter 31 Chest and Abdominal Trauma
Chapter 32 Musculoskeletal Trauma
Chapter 33 Trauma to the Head, Neck, and Spine
Chapter 34 Multisystem Trauma
Chapter 35 Environmental Emergencies

SECTION 6 SPECIAL POPULATIONS

Chapter 36 Obstetrics and Gynecologic Emergencies
Chapter 37 Emergencies for Patients with Special Challenges

SECTION 7 OPERATIONS

Chapter 38 EMS Operations
Chapter 39 Hazardous Materials, Multiple-Casualty Incidents, and Incident Management
Chapter 40 Highway Safety and Vehicle Extrication
Chapter 41 EMS Response to Terrorism

DEPARTMENT POLICIES:

- ◆ You must sign the Sign-In sheet before each class session.
- ◆ Any student who falsifies any information is subject to academic discipline.
- ◆ There is no extension given for any sessions at the end of semester.
- ◆ Know the last day to Drop classes without penalty.
- ◆ Please remember:
 - You are accountable for all your actions in class. Any irresponsible actions or disrespectful behavior will have meaningful consequences.
- ◆ No smoking.
- ◆ No food.
- ◆ No cell phone/texting
- ◆ No recording devices.
- ◆ Proper protective footwear (shoes or sneakers with full fronts and backs)
- ◆ Student must bring all course provided materials to all course sessions including text, notebook, handouts, and stethoscope.
- ◆ NJAC-8:40A sets forth State Regulations governing basic EMT's and their training. The EMT office also has various operational polices governing the conduct of these courses. There is mandatory review of these at the beginning of each course.

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COLLEGE POLICIES:

For information regarding:

- ◆ Brookdale's Academic Integrity Code
- ◆ Student Conduct Code
- ◆ Student Grade Appeal Process

For any questions, refer to the **STUDENT HANDBOOK AND BCC CATALOG.**

NOTIFICATION FOR STUDENTS WITH DISABILITIES:

Brookdale Community College offers reasonable accommodations and/or services to persons with disabilities. Students with disabilities who wish to self-identify must contact the Disabilities Services Office at 732-224-2730 or 732-842-4211 (TTY), provide appropriate documentation of the disability, and request specific accommodations or services. If a student qualifies, reasonable accommodations and/or services, which are appropriate for the college level and are recommended in the documentation, can be approved.