

Fall 2023-Spring 2024

College of DuPage (Dual Credit)

EMT Basic 2271 Emergency Medical Technician

10 Semester Credit Hours

Lead Instructor: Christina Lynch

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Class Schedule

Monday –Friday.

First Session 7:50 a.m.- 9:50 a.m.

Second Session 9:53 a.m. – 11:50 a.m.

Credit Hours: 10 semester credit hours

Texts : American Academy of Orthopedic Surgeons (AAOS) 12th Edition (**Provided by Wilco**)
(ISBN: 9781284107029)

(For Students who already have the Text Book see Digital Supplement Below)

(ISBN:9781284131703) Preferred Digital Supplement

AHA – Basic Life Support for Healthcare Providers

Required Uniform:

Students will be required to be in uniform the majority of days they are in the classroom. Lockers will be provided for street clothes and nonessentials to be placed. Wilco EMT Basic shirts will be available for purchase. Students will need to provide:

- Black leather belt with plain silver buckle
- Black work shoes/boots
- Navy blue work pants
- Watch with second hand

Additional requirements for classroom: 3 ring binder and spiral notebook, stethoscope and B/B cuffs

Fees:

Fingerprinting test \$37.50

Wilco Polo Shirt \$25

CPR \$25

Clinical \$20

Class Procedures:

All students will be responsible for reading and agreeing to abide by the Wilco EMT Basic Classroom Procedures, Wilco EMT Basic Safety Rules, Wilco EMT Basic Electronic Device Policy as well the Wilco Area Career Center Handbook.

Catalog Description

Course includes emergency care skills, including management of bleeding, fractures, airway obstruction, cardiac arrest and emergency childbirth. Curriculum also addresses patient assessment skills and the use and maintenance of common emergency equipment. Completion of this course with a grade of B or better, attendance and clinical completion qualifies students to sit for the state or national exam.

Prerequisites

Must be at least 18 years old with a high school diploma or equivalent to sit for the national exam.

CLASS POLICIES:

There will be written exams, terminology/vocabulary exams, quizzes, homework Assignments, participation activities, and a mid-term project. If a student will not be in attendance on a scheduled day of a written exam, it is suggested that the student contact their instructor *prior* to class. **The student will receive a grade of 0 if no contact or effort to retake is not made. The make-up exam will be the next day the student attends class. Students must have an 80% average. If 80% is not attained when clinicals begin the student will be ineligible for Clinical Emergency Room Rotations, ambulance ride time, and to challenge the National EMT Registry Exam or the State of Illinois EMT-B Licensing Exam.** Ineligible students may stay in the class to receive high school class credit and grade. By semester's end students must have maintained an 80% average in class comprised of all assessments, coursework, required attendance, and completion of clinicals to be eligible to challenge the National EMT Registry exam or the State of Illinois EMT-B Licensing Exam.

Course Methods of Instruction

Instructional methods may include (but are not limited to):

- Lecture, audio-visual presentations, class pronunciation drills, interactive whiteboard exercises
- Authentic healthcare/science lab activities in which students apply knowledge of medical terms as they apply to Emergency Medical Care and EMS careers
- Computer-based instruction & interactive internet activities, cooperative learning activities
- Individual & group workbook, worksheets, case studies and other print assignments
- Projects/presentations, word association activities (including drawing/illustration)

Attendance is mandatory for CPR classes and Practical Exams. Practical exams and hands on skills testing throughout the semester is Pass/fail

BLS CPR: CPR will be part of the curriculum. Successful completion of a written exam (**84% or greater**) and practical exam is mandatory. **The grade will be Pass/Fail and does not count towards the overall class grade. **If a student has a current card that meets requirements they must still participate in the training sessions but do not owe the fee.***

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Grading Scale:

100 - 90 A

89 - 80 B

79 - 70 C

69 - 60 D

59 - 0 F

Overall Grade Breakdown:

Assessments:

30% of overall grade

Coursework:

40% of overall grade

Project based assessment/skills

20% of overall grade

Final Exam

10% of overall grade

Emergency Room Clinical Rotations: Emergency Room Rotations 8 Hours must be completed and paperwork signed and turned in by the posted deadline.

Ambulance Ride Time: Ambulance ride time of a Minimum of 16 hours that meet the State Clinical time objectives on an ACLS (Advanced Life Support) must be completed with paperwork signed and turned in by the posted deadline. Clinical time may be extended to meet the clinical objectives defined by IDPH.

Attendance Policy: Daily attendance is crucial to be successful in this class. The Wilco Attendance and Grading Policy will apply. A portion of your grade is based on your attendance and participation. If a student misses more than a total of **15 days of class during the entire school year** they will be ineligible for the National or State EMT – B Exam. Time will be counted in 15 minute increments. There are no exceptions, medical absences, doctor appointments are included in absences.

Incomplete Policy: Incompletes are not allowed for eligibility for state exam and COD credit.

Academic Honesty (see COD catalog, page 43, “Course-Related Academic Integrity – Board Policy 5050). Academic dishonesty is prohibited. An act of academic dishonesty will be met with appropriate disciplinary action.

Homework Assignments: Homework will be collected on the due date and will be checked for completion. All homework assigned must be fully completed to receive credit. Incomplete homework and homework not turned in on the due date will receive a reduced grade. Chapter bell work and homework assignments are due prior to the corresponding chapter quiz. Late work will be accepted for partial credit until the corresponding unit exam. Any work for the unit that is turned in after the unit exam will receive a 0.

Methods of Evaluating Students:

Evaluation may include (but is not limited to):

- Final Exam
- Weekly quizzes/ Unit assessments (verbal/oral, computer-based, and/or written with multiple question formats)
- Projects including a mid-term project.
- Case study interpretation/analysis
- Participation in lab activities in which knowledge of EMS is applied
- Workbook exercises, online practice exercises
- Professionalism (Appearance, Demeanor, Reliability, Competence, Ethics, Communication, Documentation, Accountability)

Assessments: Chapter quizzes, Unit exams, Mid- term project, and Final Assessments will be included along with practical skills assessments.

COURSE OBJECTIVES/GOALS

Upon successful completion of the course the student should be able to do the following:

1. Identify the overall role and responsibilities of the Emergency Medical Technician
2. Identify possible reactions when faced with trauma, illness, death, and dying
3. Define the following: scope of practice, advance directives, do not resuscitate (DNR), duty to act, and patient confidentiality
4. Identify topographical terms and the anatomy/functions of major body systems
5. Identify vital signs, breathing rates, skin color, and temperature
6. Demonstrate the lifting and moving of patients
7. Describe common hazards found at a scene and the potential harm to rescuers and patients
8. Demonstrate Cardiopulmonary Resuscitation (CPR)
9. Demonstrate techniques for assessing patients
10. Demonstrate airway maintenance techniques
11. Demonstrate an organized, concise radio transmission to a receiving facility
12. Demonstrate steps for assisting patients with self-administration of medications
13. Describe the structure and function of the cardiovascular system
14. Demonstrate emergency medical care for diabetic patients in an altered mental state
15. Describe the emergency medical care of a patient with an allergic reaction
16. Demonstrate emergency medical care for a patient with a possible overdose
17. Demonstrate care of a patient with a gynecological emergency
18. Describe signs and symptoms of shock
19. Demonstrate spinal immobilization
20. List the phases of an ambulance call
21. Demonstrate how to maintain an airway by means of oral-tracheal intubation

TOPICAL OUTLINE

This course will include but not be restricted to the following topics:

1. Introduction to Emergency Medical Services (EMS)
2. Workforce safety and wellness of the Emergency Medical Technician (EMT) including protection against infectious diseases and stress management
3. Medical, legal and ethical issues of emergency care
4. Human anatomy and physiology as it relates to the provision of care in EMS
5. Vital signs
6. Roles and responsibilities of the EMT when lifting and moving patients
7. Therapeutic communication and documentation in patient care
8. Evaluation of the emergency scene for the insurance of personal and patient safety
9. Patient assessment for medical and trauma patients
10. Cardiopulmonary Resuscitation (CPR)

11. Principles of pharmacology and emergency medication
12. Airway management and respiratory pathophysiology, including advanced airway techniques and endotracheal intubation
13. Endocrine disorders and the management of diabetic patients
14. Hypersensitivity disorders and treatment of the anaphylactic reactions
15. Environmental emergencies and the treatment of heat and cold injuries
16. Gynecological emergencies, including obstetrics and neonatal care
17. Soft tissue injuries
18. Treatment of shock
19. Injuries to the head, neck, and spine
20. Pediatric emergencies
21. Patients with special needs
22. Ambulance operations
23. Incident management
24. Response to terrorism

Physical Exam: Physical Exams must be completed and confirmation of completion **must be turned in by January 26th 2023**. If physical exams are not completed you will be ineligible to perform clinical rotations and will therefore be ineligible for the National Exam.

Drug Testing: All Health programs require completion of current health requirements and drug testing as a condition of program participation. Drug testing (performed at the student's expense) will precede clinical experience in all cases. Positive results on a drug screen or misrepresentation regarding drug use will lead to ***immediate*** dismissal from the EMT program. When a student is dismissed from or not admitted to a program for a positive drug screen, he/she may reapply to the same program or to any other College of DuPage health program after one year has elapsed.

Withdrawal Policy – (See COD academic calendar under academics heading on COD main web page). A student may drop any course for any reason up to the last day to officially withdraw per the academic calendar, and will receive a grade of W on their transcript. After the 75% point of the term, no withdrawals will be allowed except for special cases such as health or family emergencies, call to active duty, or sudden, verified illness. The student is required to provide to the Registration Office appropriate documentation for all requests for late withdrawal. Students who drop after the 75% point without an approved Petition for Late Withdrawal from the Registration Office will receive a grade of F. Students will not be eligible to petition for late withdrawal after the designated final examination time in 16-week classes.

Incomplete Policy: Incompletes are not allowed.

Electronic Device Policy:

1. No use of phones or electronic devices while class is in session. *This includes texting, checking e-mail, surfing the web, playing games, and watching videos.* If you need to make or receive an urgent call or text that cannot wait until the next break, leave the classroom *without being disruptive.* (Repeatedly entering and leaving the class is considered to be disruptive).
2. All phones and electronic devices must be silenced during class
3. All phones and electronic devices must be turned completely off, and not accessed for any reason, during testing.
4. With *prior permission* from the Instructors, students may use laptops to take notes, or a video and/or audio device to record a lecture.
5. The Instructors reserves the right to allow, when directed and approved by the Instructors, use of personal electronic devices for in-class activities.
6. Any student violating these rules will be dismissed from the class and receive an absence for the remainder of the class.

Plagiarism/Academic Dishonesty – Code of Student Conduct Procedures – (See COD catalog) *Students Rights and Responsibilities Board Policy 20-41.* Academic dishonesty is prohibited. Disciplinary action will be pursued in all instances in which it is determined that academic dishonesty has occurred. Disciplinary action may include, but not limited to:

1. Assignment of a failing grade for a test, examination or assignment
2. Assignment of a failing grade for a course
3. Student disciplinary sanction Board Policy 20 - 40

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Disruptive Behavior:

1. No profanity will be permitted in class.
2. Verbal abuse, assault, sexual harassment, or endangering the health and safety of classmates, patients, or Instructors will not be tolerated.
3. No drinking of alcoholic beverages prior to, or during class.
4. Behavior disruptive to the class or Instructors will not be tolerated.

Any student violating the classroom rules will be dismissed from the class and receive an absence for the remainder of the class. *In addition, the Instructors reserve the right to dismiss a student from class if a student exhibits any signs of possible or actual intoxication, including but not limited to, slurred speech, dilated/constricted pupils, unsteady gait, or ETOH.*

As a student at College of DuPage and Wilco Career Center you are expected to demonstrate the core values of: Integrity, Honesty, Respect, and Responsibility. If your behavior in the learning environment interferes with the teaching and learning of the College, you may be referred to the Behavioral Intervention Team and/or referred to a counselor at College of DuPage to address the concerns. If you are contacted by a counselor during the term, please make an appointment.

CLASS SCHEDULE:

A copy of the class schedule will be given out on the first day of class. A copy will also be attached to the official course syllabus on Blackboard.

FELONY CONVICTIONS:

Existing Illinois Law: All IDPH EMS licensees are required to disclose all felony convictions at the time of application under 77 Ill Adm. Code 515.190(b). In addition, all IDPH EMS licensees are required to disclose all new felony convictions to IDPH within 7 days of conviction under 77 Ill Adm. Code 515.190(c).

Requirements: If an IDPH EMS licensee: (i) voluntarily comes forward and fully discloses all previous felony convictions to IDPH, in writing, prior to 12/31/2018; (ii) promptly cooperates with all IDPH requests for additional information and documents; (iii) promptly provides complete and truthful information and documents; and (iv) promptly provides the authorizations for criminal background reports together with the fees required for all such reports, then IDPH will not automatically seek to suspend/revoke the licensee's IDPH issued EMS licenses based upon 77 Ill Adm. Code 515.190(b).

Failure to Come Forward: If an IDPH licensee does not come forward and fully comply with all four items above and IDPH subsequently learns that a licensee has failed to disclose any felony conviction entered in any court, IDPH will seek to suspend/revoke all of the IDPH EMS licensee's licenses.

Class III or IV felonies: If an IDPH EMS licensee complies with the four items above and only has a class III or IV (or an out of state equivalent conviction), IDPH will not take any formal action, so long as the licensee promptly signs the settlement agreement and complies with all terms therein.

Class X, I or II felonies: If an IDPH EMS licensee complies with the above 4 items and has one or more class X, I or II felony convictions, (or an out of state equivalent conviction) then IDPH will apply the 6 factors required by 77 Ill Adm. Code 515.190(e) as if the licensee disclosed the felony convictions in a timely fashion. If the licensee would have qualified for a license had full and timely disclosure been made, then so long as the licensee promptly signs the settlement agreement, then IDPH will not seek to suspend/revoke the IDPH issued licenses.

Note: No employee of IDPH can change the terms of the law or make any promise or assurance contrary to the above.

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STUDENT ACKNOWLEDGEMENT

This is a contract between the student and the Instructors/s. You are required to sign this contract and keep a copy for your reference during the entire Semester. I have read the class syllabus for Fire 2271 EMT and it has been explained to me in class. I acknowledge the statements and I understand the requirements of this class.

- I understand that if I do not complete the clinical time prerequisites, I am not eligible to complete the mandatory clinical requirements.
- I understand that I must have an **80% average on all tests** (Written Exam) to be eligible to sign up for clinical rotations.
- I understand that if circumstances force conversion of classes to a VCM (Virtual Classroom Meeting) format, I must continue to attend online during the same scheduled days and times, while completing any additional attendance assignments, in order to receive credit for class attendance.
- I understand that if I miss more than **10 classroom days**, regardless of the reason, I may complete the class but I am not eligible to take the licensure exam.
- I understand that in order to be eligible to take the licensure exam, I must successfully achieve a **final class grade of 80% or higher**, and successfully complete all clinical time and practical exams including CPR.

STUDENT's FULL NAME: (Print) _____

STUDENT SIGNATURE : _____

WITNESS NAME: (Print) _____

WITNESS SIGNATURE: _____

TODAY's DATE: _____

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