



Lake Technical College

**2015 - 2016**  
**Master Plan of Instruction**  
**Emergency Medical Technician**

**Layne Hendrickson, EMS Coordinator**



The mission of Lake Technical College is to be an integral component of the economic growth and development in our community by offering a variety of high quality career-training opportunities.

Lake Technical College prohibits discrimination in admission to, or access to, or employment in its programs and activities on the basis of race, color, national origin, sex or sexual orientation, marital status, age, religion, disability, genetic information, gender identity or expression, or any other characteristic prohibited by law. The district provides equal access to district facilities to the Boy Scouts and other patriotic youth groups, as required by the Boy Scouts of America Equal Access Act.

*charting new directions*

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**LAKE TECHNICAL COLLEGE  
EMERGENCY MEDICAL TECHNICIAN  
Master Plan of Instruction**

**INTRODUCTION**

The Emergency Medical Technician (EMT) is a 250-hour program that represents the first component of the emergency medical care system. The EMT's primary responsibility is to bring expert emergency medical care to the victims of emergencies and to transport them safely and expeditiously to the hospital. These duties must be performed unsupervised in a variety of circumstances and often under physical and emotional stress.

The program is based on the course standards developed by the Emergency Services section of the Florida Department of Health and the Department of Education. It is organized to provide the student with knowledge and techniques currently considered within the responsibilities of the basic EMT.

Graduates will be eligible to take the state EMT Certification Examination/National Registry.

**COURSE LISTINGS**

HSC 003 – Basic Healthcare worker

EMS 0159 – Emergency Medical Technician

**EMT PHILOSOPHY**

We believe that the dignity and worth of the individual in our democratic and ever-changing society fosters self-reliance. We must acknowledge individual differences and respect the right of the individual to seek fulfillment of spiritual, emotional, mental, physical, and socio-economic needs. In addition to the required skills and knowledge, instruction should emphasize good work habits, desirable personal characteristics, effective interpersonal relationships, and should lead the student to a productive life as a contributing member of the community.

We believe that the EMT is a person capable of exercising technical skills in an emergency situation with authority and good judgment under difficult and stressful conditions.

We believe that the EMT curriculum must be competency-based and include formal course work, skills practice laboratories, and field observation. The competencies include extrication, recognition and assessment of medical emergencies in the field, the ability to accurately communicate patient information to the physician, and the ability to act as a health team member, as well as to initiate various basic life support management techniques based on patient assessment and physician communication.

We believe that continuous evaluation of a student's progress is necessary in measuring the effectiveness of instruction and in achieving the stated objectives of the program.

We further believe that EMT education is a continuous process, which must persist after completion of the program to keep the practitioner accountable for and alert to current trends and practices in the care of ill or injured individuals.

**EMERGENCY MEDICAL TECHNICIAN PROGRAM OBJECTIVES**

The Emergency Medical Technician Program consists of classroom, clinical and internship training that enables the student to attain sufficient knowledge to perform life support procedures in specific situations. The clinical experience is an important component in the development of the student's proficiency in these areas.

Because both practical as well as fundamental differences exist between health occupation education and the study of most other academic disciplines, it is necessary to introduce a certain regulation into the delivery of that education. In health care, everything that is not known or is known inaccurately becomes a liability to both patient and practitioner. For the patient, there is physical and medical liability; for the practitioner, there is moral and legal liability.

Complementing the nature of health care practice, Emergency Medical Technician Program has two educational goals: technical competence and a professional, ethical sense of responsibility.

## **ADMISSION REQUIREMENTS**

In order to be considered for admission to the EMT program, the applicant must have the following prerequisites, copies of which must be on file in the EMS office. School transcripts must also be given by the student to the Admissions Office.

1. High school diploma or its equivalent or be an eligible dual-enrolled high school student.
2. Current Professional CPR card.

The admissions process will be as follows. In addition to the above prerequisites, all applicants must:

1. Meet the minimum levels of the EMT entrance exam. The TEAS will be administered in April and May prior to the August EMT program and in October and November prior to the February EMT program. Applicants will be notified of the results. Only applicants who meet the required scores will receive a program application.
2. Submit a completed application form to the EMS office by the required application deadline.
3. Provide at least two (2) letters of recommendation with the application, one of which should be from a health care professional.
4. Complete a Criminal Background Check.

When these steps are completed and the EMS Programs Office receives transcripts and references, the applicant will be notified to schedule an appointment for an interview. Only those individuals with the above listed paperwork completed by the required deadline will be scheduled for an interview.

## **ESSENTIAL TRAINING TASKS**

Emergency Medical Services involves the provision of direct care of individuals and is characterized by the application of verified knowledge in the skillful performance of emergency care functions. Therefore, in order to be retained in the program after admission, all applicants should be able to demonstrate the ability to perform the following essential cognitive, affective and psychomotor functions required by emergency medical personnel.

1. Visual acuity, such as is needed in the accurate preparation and administration of medications and for the observation necessary for patient assessment and emergency care.
2. Auditory perception to receive verbal communication from patients and members of the emergency/health team and to assess health needs of people through the use of monitoring devices such as a cardiac monitor and stethoscope, including occurrences where facemasks are worn.
3. Gross and fine motor coordination to respond promptly and to implement the skills, including the manipulation of equipment required in meeting emergency health needs.
4. Ability to interact effectively and safely with individuals through communication skills (speech, reading, writing) and to communicate patient needs promptly as may be necessary in rendering emergency patient care.
5. Tactile ability to conduct physical assessments, to distinguish significant temperature differences and to determine the safe use of objects in a person's environment.
6. Physical abilities to quickly move from area to area, lift and carry up 100 pounds, maneuver in small spaces and in spaces containing numerous pieces of patient care equipment and to administer cardiopulmonary procedures and other life-saving skills in typical emergency care situations.
7. Interpersonal abilities to interact therapeutically and professionally with individuals, families and groups from a variety of social, cultural and intellectual backgrounds as well as with individuals with emotional and/or psychological illnesses.
8. The ability to handle stressful situations in a calm and professional manner through coping and communication skills.

9. Intellectual skills to make safe, and frequently quick, clinical decisions, identify cause and affect relationships and to develop safe and effective emergency care.
10. Stamina to provide patient care and related responsibilities for extended periods of time (up to 24 hours or more).
11. Ability to quickly and safely implement written or verbal medical and emergency plans of care.
12. Ability to effectively handle multiple priorities in a stressful situation.

Students unable to demonstrate the essential functions required by an emergency medical technician must notify the Emergency Medical Services Department Program Coordinator by the end of the first class day to investigate the feasibility of reasonable accommodations.

### **CRIMINAL BACKGROUND CHECK AND DRUG TESTING**

The Agency for Health Care Administration requires all employees and other individuals (students) whose responsibilities may require them to provide personal care or services to residents or has access to their living area or personal property to undergo a background screening. A student whose background screening reveals prior arrest incidents will be counseled regarding a retention program and potential employment opportunities.

The healthcare profession recognizes that substance abuse among its members is a serious problem that may compromise the ability of the abuser and jeopardize the safety of patients entrusted to their care. The College, in its effort to maintain high standards of education and clinical practice and to comply with requirements mandated by cooperating clinical facilities, has implemented a drug-testing program.

If at any time during a pre-clinical screening, random screening or reasonable cause screening, a student refuses to be tested, the student will be withdrawn from the program. If at any time the student's drug test is positive, or a negative dilute and has not been medically approved, the student will be withdrawn from the program.

### **REQUIRED FEES\*, BOOKS AND SUPPLIES**

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>• Tuition**</li> <li>• Lab fee***</li> <li>• Malpractice insurance (See Insurance)</li> <li>• Accident insurance (See Insurance)</li> <li>• Physical examination</li> <li>• Approved polo shirt</li> <li>• Watch with sweep second hand</li> </ul> | <ul style="list-style-type: none"> <li>• Safety glasses</li> <li>• Course textbook and workbook</li> <li>• Tool deposit</li> <li>• Registration fee</li> <li>• Complete drug screening (scheduled after the start of the program)</li> <li>• Criminal background check</li> </ul> |
|---|---|

*\*Failure to pay all fees due at the time class begins will result in the student not being able to attend class and/or clinicals.*

*\*\*Tuition is charged at state mandated rates, which may change from year to year.*

*\*\*\*Current fee information is available from the Admissions Office.*

### **INSURANCE**

All students are required to purchase and maintain professional liability insurance through the school.

All students must show proof of accident insurance. Students without accident insurance may purchase the school accident insurance. This insurance is provided by a non-school vendor and offers limited coverage during required EMS course functions. Information regarding purchase of school accident insurance will be provided during new student orientation or in the Admissions Office.

### **TUITION**

Tuition is charged for adult students at a rate established by the State legislature. Current fee information is available in the Admissions Office. Tuition is waived for eligible high school dual-enrolled students. Tuition is due prior to the first day of each semester based on the Lake Technical College payment calendar. Failure to pay all fees due at the time class begins will result in not being able to attend class and/or clinical if applicable.

## **COURSE SCHEDULE**

Spring Program: February to July, meets Monday and Thursday, 6:00 p.m.–10:00 p.m., some Saturdays involved.  
Fall Program: August to January, meets Monday and Thursday, 6:00 p.m. – 10:00 p.m., some Saturdays involved.

## **ACCOMMODATIONS**

Federal and state legislation requires the provision of accommodations for students with disabilities as identified on the secondary student's IEP or 504 plan or postsecondary student's accommodations plan to meet individual needs to ensure equal access. Postsecondary students with disabilities must self-identify, present documentation, request accommodations if needed, and develop a plan with their postsecondary provider.

Students desiring accommodations or updates to their accommodations are encouraged to self-identify as early in the program as possible. In order to receive disability accommodations, students must self-disclose the disability to the Students with Disabilities Coordinator and provide documentation that clearly shows evidence of a disability and applicable accommodations. The Students with Disabilities Coordinator will schedule a meeting with the student and instructor to discuss the documented disability and applicable accommodations.

Accommodations received in postsecondary education may differ from those received in secondary education. Accommodations change the way the student is instructed. Students with disabilities may need accommodations in such areas as instructional methods and materials, assignments, assessments, time demands, schedules, learning environment, assistive technology and special communication systems. Documentation of the accommodation requested and provided is maintained in a confidential file.

## **FINANCIAL AID**

Policies and guidelines for the administration of all financial aid are established according to federal and state law. Applicants complete an information form, Free Application for Federal Student Aid, and furnish documentation needed to verify eligibility. More information on the application process may be obtained in the Financial Aid Office.

The Financial Aid Office will assist students, where possible, with access to financial support offered by federal agencies (U.S. Department of Education – Pell Grants, Department of Veterans' Affairs), other state and local agencies and local organizations (scholarships). The Financial Aid personnel are available daily to assist students with financial aid needs and requests.

## **GENERAL INFORMATION**

### **Student Policies**

Students are to abide by the policies and procedures of Lake Technical College, the EMS Department and the facilities utilized by the EMS programs for clinical and internships. Any student not in compliance with the set guidelines may be asked by the instructor to leave the clinical or internship facility. The student will not be allowed to return to that clinical or internship. The instructor will notify the Program Coordinator of the event.

### **Follow Up**

Lake Technical College is proud of its graduates and celebrates the next step graduates take whether it is employment, military or further education. Prior to completing, students may visit the Career Success Center for assistance with employability skills such as resume writing. In addition, instructors may provide students with employment leads. However, it is up to the individual student to actively pursue employment opportunities. We like to hear how our graduates are doing and want to celebrate your successes so be sure to communicate with your instructor any employment, military, or further education you enter.

### **Food and Drink**

To protect equipment and furnishings in the classroom and laboratory areas, only water, in closed, covered containers, is permitted. No other food or drinks are allowed, unless specific permission is granted by the instructor. However, under no circumstance may food or drinks be in the laboratory areas.

### **Guidelines**

Lake Technical College EMT students complete clinical time at Leesburg Regional Medical Center, Florida Hospital Waterman and South Lake Memorial. Field Internship time will be with Lake EMS, Rural Metro Sumter, Lake County Fire Rescue and Eustis Fire Rescue and with ride time on the ALS units under the direct supervision of a Lake Technical EMS instructor or approved preceptor.

Students must be in proper attire. As stated in the Code of Student Conduct approved by the Lake Technical College Board of Directors, students who attend Lake Technical College shall dress in a manner appropriate for the job in which they are receiving training, including any special protective gear and professional uniforms. The postsecondary program student dress code is consistent with industry standards as recommended by the program advisory committee and approved by the administration of Lake Technical College.

**All EMS students will strictly follow the uniform code while attending classroom, clinical, and field internship. Failure to present a professional appearance will result in dismissal from the day's activity and an unexcused absence.**

#### **Leaving Campus during School Hours**

For safety reasons, students will notify their instructor when leaving campus early. Students may leave campus for lunch provided this is done within the allotted time.

#### **Smoking**

Lake Tech is a tobacco-free institution. The use of tobacco products of any kind, including e-cigarettes, is not permitted at any Lake Tech location.

### **ACCEPTABLE DRESS**

Students who attend Lake Tech shall dress in a manner appropriate for the job in which they are receiving training, including any special protective gear and professional uniforms. All clothing, makeup, and jewelry must be clean, neat, modest, in good repair, appropriately sized, and be neither distracting nor offensive.

The Director or designee has the final authority for determining whether or not a student's apparel conforms to the dress code. If it is determined that it does not, students will be required to change into clothing which will conform to this code or leave campus. Students may return to campus when they have changed into appropriate clothing.

#### **Classroom / Clinical / Internship Uniform Code**

1. **Program approved polo shirt:** Shirt must always be cleaned and ironed. No patches are to be worn on the shirt. Shirts are to be completely tucked (all the way around) into slacks.
2. **Dark slacks:** Black or navy blue. Pants must always be clean and ironed. (Cargo Pants – no more than 2 pockets.) Jeans are not permitted.
3. **Belts:** Black with simple unadorned buckle, maintained in relatively new condition.
4. **Dark shoes:** Must be smooth, black leather, polished, and in good condition. Black leather with black gore-tex boots will be acceptable. **No soft leather, suede or athletic-type footwear is permitted.** Patent leather shoes may be worn. Footwear must be non-descript, void of colored logos or commercial emblems. If ankles are exposed, solid black socks must be worn. High heels and platforms are unacceptable.
5. **Lake Technical College student ID badge:** Must be worn at all time when in uniform.
6. **Jewelry:** Must be confined to a watch and wedding or engagement rings (if applicable). Body piercing, which includes, but not limited to, ears, brows, nose, lips, and tongue, is not permitted.
7. **Make-up:** Make up is to be moderately applied. Make-up should be consistent with the professional nature of EMS.
8. **Hair:** Should be cleaned and groomed neatly. Hairstyle and color are to be consistent with the professional nature of EMS; extremes in either will not be allowed. Hair longer than shoulder length (men or women), must be tied back. No hats may be worn in the classroom, lab areas, or during clinical or internship. Students must be clean-shaven. Mustaches are permitted if neatly kept.
9. **Fingernails** are to be kept clean and trimmed not to exceed ¼" pass the nail tip. Polished nails must be clear or neutral. Bright and dark colors are not permitted. Artificial nails are not permitted.
10. **Body Art:** All visible tattoos must be covered in accordance with agency or facility policy.
11. **Required items:** A watch with a second hand, a blue pen, stethoscope, scissors, safety glasses, and notebook.

**Please remember that strong perfume, hair spray, coffee, cologne, or cigarette smoke may be offensive to many patients and co-workers.**

**All aspects of personal hygiene, including the individual, the uniform and undergarments, represent our professional image. Cleanliness and appropriate use of personal hygiene products are important components of professionalism and are expected of all students.**

## ATTENDANCE POLICY

In an effort to develop appropriate work ethics, Lake Tech students are expected to attend all class sessions. As is expected in the workplace, when it is necessary to be absent due to illness or emergency situations, all students are to notify the instructor on or before the date of absence. The student attendance policy for each postsecondary program is consistent with industry standards.

Campus attendance is kept via a computerized system. It is the responsibility of the student to **log in and out** in order to receive credit for class time. This allows the school to keep accurate attendance records for the actual number of hours and minutes attended.

Excessive absences may result in an unsatisfactory knowledge, skills, and/or work habits grade and can result in termination from the program.

### **Tardiness**

As in the workplace, students are expected to be in their seats promptly in the morning, after break, and after lunch. Students are expected to notify the instructor before the start of class of any anticipated tardies.

## STUDENT EMPLOYMENT

Classroom, lab and clinical rotations scheduling will be not arranged around a student's employment schedule. It is expected that the student's education comes first. Employment should no way interfere with the student's academic or clinical responsibility. Students have some flexibility in scheduling field internship experiences, but all minimum skill requirements must be met.

### **Lecture/Classroom Attendance Policy**

- Students are required to **log in** and **out** every session.
- Absences and tardiness are significant areas of interest by potential employers such that any violation of the above will significantly lower the student's work habits grade as outlined in the department's grading policy.
- Students who miss more than eight (8) class hours are subject to dismissal from the program. Absences and tardies are significant areas of interest by potential employers such that any violation of the above will lower the student's work habits grades as outlined in the program grading policy.
- All assignments missed during the student's absence must be made up. It is student's responsibility to meet with the instructor to get missed assignments and handouts.
- **Attendance at the 2-hour Trauma Methodology and Trauma Registry lecture is mandatory. (Per F.S. 401.2701 5.b. 5.c.)**
- **Attendance at the SUID training is mandatory (F.S. Section 383.3361 (1) & (3))**
- Leaving class: No member of the class will be permitted to leave the classroom, clinical site, or field internship without first discussing with and receiving the expressed permission of the lead instructor or preceptor.

### **Testing Policy**

All unit exams are open book exams and are delivered through a web-based learning management system.

Exams will be open for 48 hours unless otherwise specified by the course syllabus. Once an exam opens, the student must take the exam in a single sitting. If during the course of taking the exam the student encounters any issues with the web site or the computer used, the student must contact the EMS Program Coordinator as soon as possible with this information.

- According to testing design best practices, the following rules apply for tests given on content/subject material;
  1. Extra credit questions are not permissible.
  2. Grades cannot exceed 100%.
  3. "Throwing out" questions:
    - a. If 35% of the students answer a question incorrectly, the question needs to be reviewed.
    - b. If after review it is determined that a question needs to be eliminated, then all student grades will be calculated on the new total number of questions. *For example:* The test is 50 questions. 3 questions are

determined to be invalid and are eliminated. The new 100% = 47 and the grades will be calculated on 47 (not 50).

- c. Points will **not** be given to those students who answered the eliminated questions correctly.
- If a test is not taken at the regularly scheduled time, students will lose 10 points off their grade on that test. Regularly scheduled means the original time and date that a test is scheduled. The student may be required to take a revised exam at the Program Coordinator's discretion.
- Florida Statute 401.2701 requires students pass a comprehensive final written and practical examination.
- The final written exam is a computer-based exam and will be given on campus. The exam will be proctored by a school representative. This final written exam is NOT an open book exam.
- Students who fail the final exam, but who pass the program, will be allowed one retake on the final written exam for a passing grade. Students who fail the practical examination will be allowed one retake to pass.

### **Clinical/Internship**

Absences from a clinical/internship rotation are only allowed in extreme emergencies. All others may result in dismissal from the program.

- Attendance is taken every session, and every student is required to have a Clinical/Internship Evaluation Form signed by the instructor or preceptor. Each student must submit his/her signed Clinical/Internship Evaluation Form to the EMS Programs Office within 5 days after the clinical or internship in order to receive credit for attendance.
- If a student is tardy to the clinical/internship, the instructor will mark unsatisfactory on the appropriate spot on the clinical evaluation form. If a student must leave a clinical/internship prior to dismissal, the student must have the preceptor sign out on the clinical evaluation form.
- All clinical/internship hours missed because of the student's absence/tardiness must be made up. The student is responsible for making the arrangement with the clinical coordinator as to the missed clinical time.
- Any violation of the attendance policy will significantly lower the student's work habits grade as outlined in the department's grading policy.
- A student who finds it necessary to be absent MUST notify the EMS Administrative Assistant at least 12 hours before the scheduled clinical and internship except in emergency situations. Any clinical or field internship missed without proper notification will result in:
  - first no-call no-show – a verbal reprimand
  - a second no-call, no-show – a written reprimand and meeting with the EMS Director
  - a third no-call, no-show – a School Intervention Team (SIT) meeting and recommended academic probation.
- Each student must attend 10 hours of Emergency Department clinical rotations and 52 hours of internship rotations.

### **Preceptors**

Preceptors are to be treated with the utmost courtesy and respect.

### **Conflicts**

At any time that conflict arises, for any reason, during a clinical or internship, the student is to avoid a serious confrontation at all costs. Right or wrong, the student should avoid being part of a bad scenario that would have an impact on the program. The student should report to the preceptor or to a Program Director immediately and allow one of these individuals to disarm the situation.

## **SAFETY**

Lake Technical College makes every effort to provide a safe environment for all students, visitors, faculty and staff. Basic safety standards, which will include fire drills, weather drills, equipment usage, and traffic regulations, will be covered in the program orientation. These basic safety standards will be reinforced throughout the program enrollment. See the current school catalog for additional campus safety information.



## PLAN OF INSTRUCTIONAL PRACTICES

### Teaching Methods

Lecture	Role Play
Discussion	Audiovisuals
Question and Answer	Skills Laboratory
Written Evaluations	Field Experience
Demonstration and Return Demonstration	Case Studies

### GRADING PROCEDURE

The grading policy for Lake Technical College EMT Program is as follows:

90 – 100	Above Average
80 – 89	Average
<80	Failing

Lake Technical College is a postsecondary institution designed to provide trained individuals to industry. The grading scale for this program reflects industry standards. The approved postsecondary program grading requirements must be met if the student is to receive a certificate.

The student's grade is determined by evaluating three equal parts of the student's performance.

Knowledge	33 1/3%
Skills	33 1/3%
Work Habits	33 1/3%

For a student to complete the EMT Program, the student must successfully complete both the classroom portion and the clinical/internship portion of the program independent from each other. The grade assigned to each portion of the program is based on the three criteria as listed above. The minimum satisfactory grade for each portion is 80 percent in each of the 3 categories.

#### 1. Lecture/Classroom:

- a. Knowledge (33 1/3%): Based on written exams and assignments.
- b. Skills (33 1/3%): Based on skill competency examinations.
- c. Work Habits (33 1/3%): Based on professional appearance, attendance, and classroom participation.

#### 2. Clinical/Internship:

A final grade for the student's clinical and ambulance internship activities is calculated and based on the following criteria:

- a. Knowledge and skills (66 2/3%): These required components are very closely integrated in the training and work of an EMT or paramedic and therefore will be weighted together to make up this portion of the curriculum. The knowledge and skills grade will encompass the following areas of study:

1. Written exams and assignments
2. Clinical chronology/clinical essay
3. Skills Check Off and competency examinations

- b. Work Habits (33 1/3%): This third of the total clinical/internship grade is based on the following areas:

1. Attendance/tardiness to clinical rotations
2. Professional appearance
3. Professional interaction and rapport (teamwork and diplomacy, respect, patient advocacy)
4. Professional conduct (integrity, empathy, self-motivation, and self-confidence)

### **Work Habits:**

**Attendance:** Attends class for all scheduled hours assigned, arrives/leaves on time, contribute to class discussion and is actively involved in all activities.

**Character:** Displays academic integrity (inclusive of not committing plagiarism), trustworthiness, dependability, reliability, self-discipline, and self-responsibility.

**Teamwork:** Respects the rights of others; is a team worker; is cooperative; ensures confidentiality in all classroom, clinical and other matters; demonstrates professional behavior in interactions with peers, preceptors, and instructors.

**Appearance:** Displays appropriate dress, grooming, hygiene, and wears full regulation uniform of the day.

**Attitude:** Displays a willingness to cooperate and accept constructive criticism; sets realistic expectations; approaches assignments with interest and initiative.

**Productivity:** Follows safety practices; conserves materials and supplies; maintains equipment; stays on task and utilizes time constructively; demonstrates proactive learning through involvement in activities and contributions to class discussions.

**Organization:** Manifests skill in prioritizing and management of time and stress; demonstrates flexibility in handling change; completes assignments on time; uses work time appropriately.

**Communication:** Contacts instructor to report concerns; notifies instructor of tardy/absence one hour before start of class; seeks clarification and understanding through appropriate, pertinent questions.

**Leadership:** Displays leadership skills; appropriately handles conflict and concerns; demonstrates problem-solving capability; maintains appropriate relationships with supervisors/instructors and peers; follows the chain of command.

**Respect:** Deals appropriately with cultural/racial diversity; does not engage in harassment of any kind to include but not limited to verbal, nonverbal, and written; addresses instructors and peers in appropriate tone and with appropriate language to include but not limited to electronic (email, text, etc.) communications.

Upon satisfactory completion of the EMT Program and its requirements, the student will be issued a certificate of completion and grade card. It is the responsibility of the student completing the program to collect the certification and grade card from the EMS Programs office within 14 days after the program completion.

### **Online Access**

Technology is an integral part of our daily lives. From smart phones to electronic tablets, these devices are becoming items that many cannot function without. In addition, the Internet is changing the way education is delivered. Lake Technical College strives to ensure that our students are able to compete in this technology driven world. With this in mind, it is recommended that students have an online presence and access to the internet. LTC campus computer labs are available to those without this access. Please let your instructor know if you need to use the campus computer labs, and scheduling information will be provided to you.

It is also important that students have an email address that they check on a regular basis. A lot of information may come to you through your email, so it is important that you check it regularly. If you do not have an email address, there are numerous services that provide FREE email addresses. Please make sure your instructor(s) have a current, working email address for you. See your instructor for more information.

### **Social Media**

The advent of social media has created a world-wide communication medium for persons of all ages. While extremely popular, these websites have also created their own set of "not-so-popular" problems such as cyber-stalking, identity theft, cyber-bullying, cyber-cheating (posting of exam, or other course material), and a host of other nebulous challenges that users may face. Another reality associated with social media is its far-reaching consequences for those who share posts that may be seen by others as inappropriate.

Potential employers, current employers, civic, or educational organizations you may be associated with, and many others are looking at social media sites for information that may tell them things about you. You should also be cautioned on how private your social media content really is – despite the settings on your account. All social media sites are potentially vulnerable. A simple search of how to view pages that are set as "private" for a popular social media website yielded numerous responses for ways to view the content. Everything from blogs to online videos offer to explain how to accomplish this task.

Students in all programs need to be cognizant of the fact that the most professions rely on great moral character. It is recommended that when using social media, assume that your posts will be seen/read by everyone with access to the Internet.

## EMS PROGRAM POLICIES AND PROCEDURES

### General Rules for Students\*\*

The EMT students cannot be subject to call while participating in class, hospital clinical or field session.

#### F.A.C. (64J-1.020 (1) (a))

1. Student must maintain current and valid "professional" CPR certification throughout the program. Student must carry on his/her person current and valid "professional" CPR certification during class/lab/clinical and internship.
2. THERE IS TO BE NO FOOD IN THE CLASSROOM, CAPPED WATER BOTTLES ONLY.
3. Students are to be in proper uniform for any class, lab, clinical, internship, or other related school activity unless assigned otherwise.
4. All laboratory equipment should be returned to its proper place after use. Any broken equipment must be reported to the instructor for repairs.
5. The kitchen facilities are for use in instructional programs. When used for this purpose, the instructor and students are responsible for cleanup.
6. **CELL PHONES MUST BE KEPT OFF THE DESK AND ON SILENT OR VIBRATE. NO CELL PHONES WILL BE ALLOWED IN THE BUILDING WHEN TESTING IS IN PROGRESS. CELL PHONES ARE ALLOWED IN THE CLINICAL OR FIELD INTERNSHIP SETTING ONLY IN ACCORDANCE WITH FACILITY POLICY. CELL PHONES MAY NOT BE BROUGHT INTO THE CLASSROOM DURING ANY FORMALIZED TESTING.**
7. Incoming messages will not be delivered to the student during class time except in emergencies.
8. No student is allowed in the instructors' office without permission.
9. Students will provide the proper respect due the instructor in asking questions or making comments.
10. Students are responsible for keeping their individual desk areas policed of trash and in order. Chairs are to be returned to place at the end of each class.
11. Conflicts – at any time that conflict arises, for any reason, during class time or clinical, the student is to avoid a serious confrontation at all costs. Right or wrong, students should avoid being part of a bad scenario that would have an impact on the program. Students should report to the instructor or coordinator immediately and allow one of these individuals to disarm the situation.
12. All injuries and / or illnesses must be reported immediately to the instructor.
13. Students who become ill during class must notify the instructor before leaving the classroom.
14. Profanity and vulgarity will not be tolerated.
15. Lake Tech is a tobacco-free institution. The use of tobacco products of any kind, including e-cigarettes, is not permitted at any Lake Tech location.
16. Students may be asked to leave the classroom, clinical or field internship if there is reasonable suspicion that they are under the influence of drugs or alcohol. Administration will be notified immediately.
17. Each student is expected to behave in a dignified manner at all times – a manner which conforms to the ethics of the profession and which instills patient confidence in EMT abilities. Irresponsible, unprofessional, or unethical behavior may result in termination from the program.

### Classroom Rules and Campus Etiquette\*\*

Students will:

1. Maintain a neat, clean, appropriate appearance.
  - When in uniform, be dressed according to the dress code.
  - When not in uniform, wear standard business attire for class or other occasions.
  - Refrain from wearing shorts, midriff tops, etc.; these are not appropriate at any time.
2. Demonstrate punctuality.
  - Notify an instructor prior to expected time regarding tardiness or absences.
  - Seek permission and follow procedure to leave early when necessary.
  - Return from breaks and meal times at the specified time.
3. Respect the rights of others.
  - Be attentive and polite.
  - Do not talk to neighbors thus preventing others from learning.
  - Respect the property of others.
  - Be patient and considerate of others.
  - Pay attention.
  - Think before speaking to avoid misunderstanding.
  - Do not talk while others are talking.

4. Demonstrate good interpersonal relationships with peers and instructors.
  - Exhibit a congenial and cooperative attitude with others.
  - Show respect for instructors and peers.
  - Accept others for themselves.
  - Acknowledge every individual you pass with a positive and kind greeting (e.g. good morning, hello, how are you, etc.). It is not necessary to repeat greetings if passing the same individual more than once during the day.
5. Contribute to a learning atmosphere.
  - Wait for recognition before speaking.
  - Do not interrupt class.
  - Assist classmates if able and time is appropriate.
  - Contribute new or pertinent material on topic when appropriate.
6. Make good use of classroom/laboratory time.
  - Do reading or assignments when no lecture or formal class is in progress.
  - Practice procedures and be prepared for requested sign-off on procedures.
7. Take responsibility for own learning.
  - Come to class prepared by bringing pen, pencil, paper, and books.
  - Make up work missed during absence in a timely manner without prompting.
  - Complete reading assignments and participate in class discussions.
  - Be responsible for all assigned books and equipment.
8. Attempt to do the best possible.
  - Try to achieve full potential.
  - Make an effort to answer questions when called upon. There will be no unison responses to questions. The instructor will recognize students before asking a question.
  - Use time wisely.
  - See the teacher privately to clarify any unclear material.
9. Respect school and clinical facility properties.
  - Always leave the classroom, laboratory and conference areas neater than found.
  - Do not eat or drink except in designated areas.
  - Do not deface property of others.
  - No sitting or lying down on the desk, leaning against the wall, or putting shoes on walls.
  - Be proud of your school and remember to be an ambassador to the public.

## **CLINICAL AND INTERNSHIP STUDENT POLICIES**

### **Clinical/Field Internship Rules\*\***

1. Students are to abide by the policies and procedures of Lake Technical College, the EMS program and the facilities utilized by the EMS Program for clinical and internships. Any student not in compliance with the set guidelines may be asked by the lead instructor to leave the clinical or internship facility. The student will not be allowed to return to that clinical or internship. The lead instructor will notify the EMS Program Coordinator of the event.
2. The student may not be subject to call or serving as part of the ambulance or fire department required staffing while participating in class, hospital clinical, or field internship. (64J 1.020(1)(a) \_Florida Administrative Code).
3. Student must carry on his/her person current and valid "professional" CPR certification.
4. Students will observe patient care activities and assist only as directed by the instructor or paramedic in charge. Students will perform only patient care that has been covered and completed in his/her present program.
5. Students are not allowed to be alone with patients at any time 64J1.020(1)(b). They must be accompanied by a Lake Tech Instructor, a clinical site employee or an approved preceptor at all times.
6. All school, hospital and ambulance and / or fire department regulations are to be followed by students during clinical and field internship training.

7. Remember to protect patient privacy and confidential information. What you hear and see is not for general discussion. Any violation of this policy will be considered a serious breach of professional ethics. A Confidentiality Statement with each student's signature is kept on file.
8. Students will attend clinical and field internship according to the clinical and field internship schedule. The EMS Administrative Assistant will do all scheduling. If there is a scheduling conflict, you must contact the EMS Coordinator or EMS Administrative Assistant during business hours. Schedule changes must be done 24 hours prior to the clinical and field internship time, or it will be considered an unexcused absence.
9. Students are authorized to be at the stations only for scheduled times. Please do not arrive early or stay late unless permitted to do so in order to complete a run. Students are not to be in any field internship station unless accompanied by a crewmember or instructor. **IF AN INCIDENT OCCURS WHILE AT A CLINICAL SITE OR FIELD SITE, THE EMS COORDINATOR MUST BE CONTACTED IMMEDIATELY.**
10. Unauthorized clinical and field internships are not allowed. Hours for students attending any clinical or field internship (including scheduled dates but not scheduled stations) without prior approval from the EMS Coordinator will not be counted toward clinical / field internship hours.
11. Students are to occupy only those areas specified for training during clinical and field internships. They are not to be in areas such as the sleep quarters.
12. Students are expected to utilize their time productively (i.e., no watching television, no sleeping, etc.) Students are expected to study or practice with equipment in order to maximize clinical and field internship experiences.
13. Any student not in a proper, professional, maintained uniform will be sent home, and he/she will have to reschedule.
14. The student is responsible for providing protective eyewear. During all skills activities, whether in- or outdoor, proper and appropriate personal protective equipment shall be worn. Students will not be permitted to assist in patient extrication or hazardous incident as determined by the incident commander unless the student is dressed in the proper rescue / turnout gear.
15. During a potentially harmful or dangerous patient care situation, students may be required to remain in the vehicle. Please follow this directive without question.
16. Certain records must be maintained in order to document clinical and field internship experiences and skill performance. **It is the responsibility of the student to adequately and accurately maintain these records.**
17. The paramedic / preceptor on duty must approve use of the station telephone by students. Personal cell phones are not to be used during patient care and transport.
18. Students will not drive emergency vehicles.
19. Additional policies and regulations may be established by the school or by the EMS Coordinator during the course of the program. After due and proper notification, students will be expected to comply fully with all regulations.

**\*\* Violation of any of the above may result in disciplinary action up to and including suspension/dismissal from the program.**

#### **REASONS FOR DISMISSAL FROM PROGRAM**

1. Unsatisfactory academic, lab or clinical work.
2. Demonstration of unsafe performance and poor professional judgment in the clinical and internship area such as, but not limited to, endangering a patient's safety by:
  - a. Violating standard safety practices in the care of patients;
  - b. Delaying care that is within the student's realm of ability and/or knowledge; or
  - c. Performing skills or procedures beyond the realm of the student's ability and/or knowledge.
3. Being found in any restricted or unauthorized area.

4. Unethical conduct such as fraud, drug abuse, alcohol abuse, breach of confidentiality (HIPAA violation); inappropriate student/patient interaction or interpersonal relation; or aggressive or dishonest behavior to any school or hospital staff member, physician, patient, or other student, defined as follows:
  - a. Aggressive behavior is defined as a forceful, self-assertive action or attitude that is expressed physically, verbally, or symbolically and is manifested by abusive or destructive acts towards oneself or others
  - b. Dishonest behavior is defined as an untruthful, untrustworthy or unreliable action.
5. Cheating in any manner.
6. Withdrawal from a hospital or participating agency as the result of due process proceedings based upon a written request from the agency that the student be withdrawn.
7. Violations of the attendance policy.
8. Failure to satisfy identified probationary requirements within the stated time.
9. Failure to comply with requirements as stated in the Master Plan of Instruction.

## **JOB DESCRIPTION – EMT**

### **Main Function**

In accordance with the ambulance department manual of rules and regulations, the main function of the EMT is to provide safe and effective transportation of patients to and from predetermined locations and to ensure that emergency vehicles and equipment are in a proper state of readiness at all times.

### **Duties and Responsibilities**

Under the general direction of the supervisor of operations coordinator or paramedic supervisor, the EMT will do the following:

1. Perform basic life support and emergency medical techniques as appropriate following departmental procedures and protocol.
2. Accurately document patient condition on the ambulance record.
3. Demonstrate proficiency in all radio procedures.
4. Demonstrate proficiency in coverage area familiarization and responses.
5. Demonstrate safe, effective-driving skills.
6. Maintain adequate ambulance records by prompt and accurate recording.
7. Report all vehicle and equipment maintenance needs to the shift supervisor.
8. Maintain appearance and sanitary conditions of vehicles following established procedures.
9. Maintain stock levels of ambulances as directed by the paramedic supervisor.
10. Restock ambulance after each use.
11. Attend department meetings, all required in-service training, and basic life support audits.
12. Assist with orientation of new ambulance employees to the service activities, policies, and procedures.
13. Assist with daily ambulance activities as assigned by the paramedic supervisor.
14. Maintain professional appearance by following the established dress code.
15. Assist with continuing education as per the director's guidelines.
16. Demonstrate good working relationships with all department personnel and interrelationships with all hospital personnel, physicians, patients, and families.
17. Plan and participate in public relations programs as per the Director's guidelines.
18. Refer to supervisory personnel those decisions that are controversial or unnecessarily deplete the service of the normal functioning capacity within the designated coverage area.
19. Maintain a valid Florida Class D driver's license.
20. Maintain a valid BCLS certification.

21. Maintain a valid EVOC certification.
22. Maintain a valid extrication certification.
23. Report for duty on time.
24. Adhere to time schedule.
25. Assume responsibility for professional growth through continuing education, attending seminars, and workshops.

### **Interrelationships**

The EMT has constant contact with patient, family members, physicians, students, visitors, enforcement agencies, fire departments, first responders, social service agencies, and other hospital employees.

### **Physical Requirements**

The EMT must be able to withstand extensive physical exertion; lifting and carrying heavy patients and equipment for long distances. The EMT must be able to perform manual extrication of a patient from various sites and scenarios, and be able to perform CPR for extended intervals of time.

### **Work Environment**

The EMT works within the hospital or ambulance operation premises in well lighted, heated, and ventilated areas. Outside the hospital or ambulance operation premises, the EMT is exposed to certain risk factors, including mobilization of vehicles in traffic and unpredictable field environments and is subjected to disagreeable odors, disinfectants, and displeasing sights. Subjected to psychological stress associated with the seriously ill or dying patients; possible strains from lifting patients and equipment; possible exposure to cuts from instruments; and exposure to infection and contagious diseases.

### **EMT Course Information**

Time Allotted: 250 hours

### **Textbook and Workbook**

1. Emergency Care and Transportation of the Sick and Injured / Joseph J. Mistovich, Brent Q. Haken, Keith J. Karren; medical editor, Howard A. Werman – 10<sup>th</sup> ed., Preferred Package, Orange Book, ISBN 9781284045192 10<sup>th</sup> ed, Jones & Bartlett Learning

### **Program Faculty**

EMS Program Coordinator: Layne C. Hendrickson, BS, EMT-P, 352-589-2250, ext. 1881  
Medical Director: Paul Banerjee, DO

## **EMS COMPETENCY STANDARDS**

Proficiency must be exhibited in the following competencies:

1. Pass written and oral examinations over all material presented with a minimum of 80 percent accuracy.
2. Perform basic life support procedures as required by program standards.
3. Recognize a medical emergency; assist in the situation; manage emergency care and extrication; direct and coordinate efforts with those of other agencies who may be involved in the care and transportation of patients; and establish rapport with patient and significant others to decrease their state of crisis.
4. Assign priorities of emergency treatment and record and communicate data to the designated medical command authority.
5. Begin and maintain emergency medical care under medical control including the recognition of presenting conditions. Initiate appropriate noninvasive treatments for such conditions as surgical and medical emergencies, airway and respiratory problems, childbirth, shock, psychological emergencies, and trauma. Assess and report the response of the patient to that treatment and modify medical therapy as required under physical direction.

6. Exercise personal judgment in case of interruption in medical direction caused by communication equipment failure or in cases of immediate life-threatening conditions according to system protocol.
7. Direct and coordinate the transportation of patients by selecting the best available method(s) in conjunction with the medical command authority.
8. Record in writing and/or dictation the details related to the patient's emergency care and the incident.
9. Direct the maintenance and preparation of emergency care equipment and supplies.
10. Be exposed to HIV/AIDS education program covering immunology, pathogenesis, transmission, handling and disposal of contaminated materials, and appropriate behavior and attitude change, including legal and ethical responsibilities.

See the attached Florida State Department of Education Curriculum Framework for program objectives and desired competencies.



**Florida Department of Education**  
**Curriculum Framework**

**Program Title: Emergency Medical Technician**

**Program Type: Career Preparatory**

**Career Cluster: Health Science**

PSAV	
Program Number	W170205 (This number can be used by district grandfathered in programs only.)
CIP Number	0351090401
Grade Level	30.31
Standard Length	250 hours
Teacher Certification	PARAMEDIC @7 7G #EMR MED TE @7 # EMT 7G # REG NURSE 7 G # PRAC NURSE @7 %7%G *(Must be a Registered Nurse)
CTSO	HOSA: Future Health Professionals
SOC Codes (all applicable)	31-9099 Healthcare Support Workers, All Other 29-2041 Emergency Medical Technicians and Paramedics
CTE Program Resources	<a href="http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.shtml">http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.shtml</a>
Basic Skills Level	N/A

*# These certifications can only be used for adjunct faculty. Please refer to 64J-1.201 F.A.C. for the EMS instructor qualifications.*

**Purpose**

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Health Science career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of Health Science career cluster.

This is an instructional program that prepares students for employment as emergency medical technicians SOC Code 29-2041(Emergency Medical Technicians and Paramedics) to function at the basic pre-hospital emergency medical technician level and treat various medical/trauma conditions using appropriate equipment and materials.

The content includes but is not limited to : patient assessment, airway management, cardiac arrest, external and internal bleeding and shock, traumatic injuries, fractures, dislocations, sprains, poisoning, heart attack, stroke, diabetes, acute abdomen, communicable diseases, patients with abnormal behavior, alcohol and drug abuse, the unconscious state, emergency childbirth, burns, environmental hazards, communications, reporting, extrication and transportation of patient. The student must be proficient in patient assessment and evaluation, the use of suctioning devices, oral and nasal airways, resuscitation devices, oxygen equipment, sphygmomanometer and stethoscope, splints of all types, pneumatic anti-shock garments, extrication tools, dressings and bandages, stretchers and patient carrying devices.

**Additional Information** relevant to this Career and Technical Education (CTE) program is provided at the end of this document.

## Program Structure

This program is a planned sequence of instruction consisting of 2 occupational completion points.

This program is comprised of courses which have been assigned course numbers in the SCNS (Statewide Course Numbering System) in accordance with Section 1007.24 (1), F.S. Career and Technical credit shall be awarded to the student on a transcript in accordance with Section 1001.44(3)(b), F.S.

The following table illustrates the post-secondary program structure:

OCP	Course Number	Course Title	Length	SOC Code
A	HSC0003	Basic Healthcare Worker	90 hours	31-9099
B	EMS0159	Emergency Medical Technician	160 hours	29-2041

## Regulated Programs

The program prepares students for certification as EMT's in accordance with Chapter 64J of the Florida Administrative Code. The program must be approved by the Department of Health, Office of Emergency Medical Services, and the curriculum must adhere to the US Department of Transportation (DOT), National EMS Education Standards for EMT. This is the initial level for a career in emergency medical services and the primary prerequisite for paramedic training and certification.

This program meets the Department of Health trauma score card methodologies and SUIDS training education requirements. Upon completion of this program, the instructor will provide a certificate to the student verifying that these requirements have been met. Programs may also teach domestic violence and prevention of medical errors education and may choose to provide a certificate to the student verifying that this education has been completed.

Please refer to chapter 401 F.S. for more information on disqualification for the EMT license through the Office of Emergency Medical Services, Department of Health.

An EMT program must be taught by an instructor meeting the qualifications as set forth in 64J-1.0201 FAC.

An American Heart Association or Red Cross certification or equivalent in "professional" BLS is required of all candidates for entrance into an EMT program.

The Student Performance Standards for Emergency Medical Technician were adapted from the US Department of Transportation (DOT) National EMS Educational Standards for EMT.

Minimum entrance requirements for this program include a high school diploma or GED unless high school students are dual enrolled. If dual enrolled, students must have the HS diploma or GED and meet the requirements to sit for the national certification examination.

## Common Career Technical Core – Career Ready Practices

Career Ready Practices describe the career-ready skills that educators should seek to develop in their students. These practices are not exclusive to a Career Pathway, program of study, discipline or level of education. Career Ready Practices should be taught and reinforced in all career exploration and preparation programs with increasingly higher levels of complexity and expectation as a student advances through a program of study.

1. Act as a responsible and contributing citizen and employee.
2. Apply appropriate academic and technical skills.
3. Attend to personal health and financial well-being.
4. Communicate clearly, effectively and with reason.
5. Consider the environmental, social and economic impacts of decisions.
6. Demonstrate creativity and innovation.
7. Employ valid and reliable research strategies.
8. Utilize critical thinking to make sense of problems and persevere in solving them.
9. Model integrity, ethical leadership and effective management.

10. Plan education and career path aligned to personal goals.
11. Use technology to enhance productivity.
12. Work productively in teams while using cultural/global competence.

## Standards

After successfully completing this program, the student will be able to perform the following:

- 01.0 Demonstrate knowledge of the healthcare delivery system and health occupations.
- 02.0 Demonstrate the ability to communicate and use interpersonal skills effectively.
- 03.0 Demonstrate legal and ethical responsibilities.
- 04.0 Demonstrate an understanding of and apply wellness and disease concepts.
- 05.0 Recognize and practice safety and security procedures.
- 06.0 Recognize and respond to emergency situations.
- 07.0 Recognize and practice infection control procedures.
- 08.0 Demonstrate an understanding of information technology applications in healthcare.
- 09.0 Demonstrate employability skills.
- 10.0 Demonstrate knowledge of blood borne diseases, including HIV/AIDS.
- 11.0 Apply basic math and science skills.
- 12.0 Apply fundamental knowledge of the anatomy and physiology of all human body systems to the practice of EMS.
- 13.0 Apply fundamental knowledge of life span development to patient assessment and management.
- 14.0 Describe the history and evolution of the EMS system.
- 15.0 Discuss and explain the roles, responsibilities & professionalism of EMS Personnel
- 16.0 Discuss the significance of using the correct safety precautions to ensure the safety of the patient, the EMT and the EMS team.
- 17.0 Discuss stress management techniques useful for both the EMT and the patient.
- 18.0 Discuss the procedures to safely lift and move patients of various age groups and situations (emergency, Urgent and non-urgent moves).
- 19.0 Discuss and apply knowledge of disease transmission to the overall safety and wellness of the EMS team(taught to the level described in FS 401.2701)
- 20.0 Describe the principles of medical documentation and report writing.
- 21.0 Describe the components of the EMS Communication system.
- 22.0 Describe the significance of communication techniques for the EMT.
- 23.0 Discuss the medical, legal and ethical issues to the provision of emergency care.
- 24.0 Discuss the principles of pharmacology as they are related to emergency care.
- 25.0 Discuss and demonstrate scene size up and management in an emergency situation.
- 26.0 Discuss and demonstrate primary patient assessment procedures for all patient age levels.
- 27.0 Discuss and demonstrate the procedures for taking the history of a patient.
- 28.0 Discuss and demonstrate secondary patient assessment procedures for all patient age levels.
- 29.0 Describe the significance of monitoring devices in patient assessment.
- 30.0 Discuss the components and factors of reassessment and its significance in patient assessment.
- 31.0 Demonstrate an understanding and proficiency in Airway Management techniques
- 32.0 Demonstrate an understanding and proficiency in Respiration techniques.
- 33.0 Demonstrate an understanding and proficiency in Artificial Ventilation techniques.
- 34.0 Apply a fundamental knowledge of the causes, pathophysiology and management of shock and the components of resuscitation
- 35.0 Apply knowledge to provide care for patients with a neurological emergency.
- 36.0 Apply knowledge to provide care for patients with an Abdominal/Gastrointestinal emergency.
- 37.0 Apply knowledge to provide care for patients with an Immunologic emergency.
- 38.0 Apply knowledge to provide care for a patient experiencing an infectious disease.
- 39.0 Apply knowledge to provide care for a patient with an endocrine disorder.
- 40.0 Apply knowledge to provide care for a patient with a psychiatric emergency.
- 41.0 Apply knowledge to provide care for patients with a cardiovascular emergency.

- 42.0 Apply Knowledge of toxicology to provide care for a patient with a poisoning or overdose emergency.
- 43.0 Apply knowledge to provide care for a patient with a respiratory emergency.
- 44.0 Apply knowledge of Hematology to provide care for patients with a clotting disorder or are experiencing a sickle cell disease crisis.
- 45.0 Apply knowledge to provide care for a patient with a genitourinary/renal emergency.
- 46.0 Apply knowledge to provide care for a patient with a gynecologic emergency.
- 47.0 Apply knowledge to provide care for a patient with a Non-Traumatic Musculoskeletal emergency.
- 48.0 Describe an overview of the identification, categorization, pathophysiology and assessment of a trauma patient.
- 49.0 Demonstrate an understanding and the skills required for the management of a patient with traumatic bleeding.
- 50.0 Demonstrate an understanding and the skills required for the management of a patient with a chest trauma.
- 51.0 Demonstrate an understanding and the skills required for the management of a patient with an abdominal/genitourinary trauma.
- 52.0 Demonstrate an understanding and the skills required for the management of a patient with an orthopedic trauma.
- 53.0 Demonstrate an understanding and the skills required for the management of a patient with a soft tissue trauma.
- 54.0 Demonstrate an understanding and the skills required for the management of a patient with a head, facial, or neck (non-spinal) trauma.
- 55.0 Demonstrate an understanding and the skills required for the management of a patient with a nervous system trauma.
- 56.0 Demonstrate an understanding of the special considerations for the management of a patient experiencing a trauma during pregnancy.
- 57.0 Demonstrate an understanding of the special considerations for the management of the pediatric patient experiencing a trauma.
- 58.0 Demonstrate an understanding of the special considerations for the management of the geriatric patient experiencing a trauma.
- 59.0 Demonstrate an understanding of the special considerations for the management of the cognitively impaired patient experiencing a trauma.
- 60.0 Discuss and demonstrate how to assess and manage environmental trauma emergencies.
- 61.0 Define and articulate the kinematics of trauma.
- 62.0 Describe the components and procedures of a multi-system trauma.
- 63.0 Apply knowledge of growth development, aging and assessment to the obstetric and neonatal populations.
- 64.0 Apply knowledge of growth development, aging and assessment to the pediatric population.
- 65.0 Apply knowledge of growth development, aging and assessment to the geriatric population.
- 66.0 Apply knowledge of growth development, aging and assessment to patients with special challenges.
- 67.0 Discuss and demonstrate the principles of safely operating a ground ambulance.
- 68.0 Discuss an overview of EMS operations during during a multiples casualty incident.
- 69.0 Demonstrate knowledge and procedures involved in safely operating in and around an air medical operations landing zone.
- 70.0 Discuss correct procedures of extrication to ensure EMS personnel and patient safety during extrication operations.
- 71.0 Discuss the risks and responsibilities of operating during a terrorism event or during a natural or man-made disaster.