

MEETING NOTES

EMS Meeting

July 15,16, and 17 2025

1:00pm -3:00pm

Attendees: Director, Program Manager, and Program Coordinators

Topics:

- Effectiveness Plan Closeout 2024-2025
- Effectiveness Planning 2025-2026

Goal #1 (Operational Outcome 1): Summarize Student Learning Outcomes, National Standards, FDOE Standards, and Skills to create Program Learning Outcomes

By the end of the 2024-25 academic year, we will develop 7 or more Program Learning Outcomes for the EMT program that integrate Student Learning Outcomes, National Standards, Florida Department of Education (FDOE) Standards, and essential EMT skills.

Results:

1 **EMS Systems and Operations:** Demonstrate comprehensive knowledge of EMS systems safety and well-being of the EMT, medical/legal and ethical issues, and operational aspect of EMS, including vehicle operations, extrication, hazardous materials awareness, and incident management.

2 **Foundational Medical Knowledge:** Apply fundamental knowledge of human anatomy, physiology, and pathophysiology across the lifespan to patient assessment and management in emergency care settings.

3 **Patient Assessment:** Perform comprehensive patient assessments using scene size-up, primary and secondary surveys, vital signs measurement, and history taking for patients of all ages and conditions.

4 **Clinical Decision-Making:** Utilize evidence-based decision-making processes to form field impressions, differentiate between similar presenting conditions, and develop treatment plans based on assessment findings.

5 **Airway Management and Ventilation:** Demonstrate proficiency in basic and advanced airway management techniques, oxygen administration, and ventilation for patients across the lifespan.

6 **Medical Emergencies Management:** Assess and manage patients experiencing various medical emergencies, including but not limited to respiratory, cardiovascular, neurological, abdominal, endocrine, allergic, toxicological, and environmental emergencies.

7 **Trauma Care:** Assess and manage patients with various traumatic injuries, including but not limited to bleeding, soft tissue injuries, burns, head and spinal injuries, chest trauma, abdominal trauma, and musculoskeletal injuries.

- 8 **Special Population Care:** Demonstrate the ability to modify assessment and treatment approaches for pediatric, geriatric, and other special needs patients, including obstetric emergencies and neonatal care.
- 9 **Pharmacology and Medication Administration:** Apply knowledge of pharmacology and demonstrate proficiency in medication administration within the EMT scope of practice, including assisting patients with their prescribed medications.
- 10 **Communication and Documentation:** Utilize appropriate medical terminology and demonstrate effective communication skills with patients, families, healthcare providers, and other emergency response personnel, including proper documentation of patient care.
- 11 **Emergency Operations and Incident Management:** Demonstrate knowledge and skills related to emergency operations, including triage principles, incident command systems, and management of multiple casualty incidents, terrorist events, and disasters.
- 12 **Professional Behavior and Career Development:** Exhibit professional behavior, ethical decision-making, and cultural competence in all aspects of emergency medical services, and engage in continuous learning and quality improvement initiatives.
- 13 **Safety and Infection Control:** Identify and demonstrate comprehensive safety measures and infection control practices to protect patients, self, and others in various emergency and healthcare settings.
- 14 **Equipment and Technology in EMS:** Utilize and maintain EMS equipment and technology, including patient monitoring devices, defibrillators, and communication systems, to enhance patient care and operational efficiency.
- 15 **Community Health and Injury Prevention:** Applies knowledge of the principles of public health epidemiology, including public health emergencies, public health monitoring, health promotion, and illness and injury prevention
- 16 **Basic Life Support and Resuscitation:** Demonstrate proficiency in performing basic life support and resuscitation techniques across the lifespan.

Use of Results – The program learning outcomes were reviewed and discussed. These outcomes will be used to guide ongoing program reviews and updates. The PLOs will be used to monitor student progress and prepare EMT students for the NREMT exam. The PLOs were also used to create goals for 2025-2026 effectiveness plans.

Goal #2 (Operational Outcome 2): Optimizing EMT Enrollment

Maintain a total EMT program enrollment of at least 165 students across all campuses for the 2024-2025 academic year.

The results from 2023-24 were used to develop this outcome in the following ways:

1. Enrollment Success: Despite challenges, the program exceeded its goal of 144 students, enrolling 165. This success likely influenced future enrollment targets.
2. Space Limitations: Recognizing the constraints at the Collier Campus, discussions began about expanding lab space.
3. Technology Needs: Issues with computer availability and functionality highlighted the need for improved resources when considering larger EMT class sizes.
4. Adaptability: The program's ability to accommodate more students despite limitations showed its strength in flexibility.

5. Capacity Planning: The lead instructor's success with larger classes influenced thinking on optimal class sizes.

These insights shaped a plan to continue program growth while addressing identified challenges and leveraging strengths in adaptability and instruction.

Results:

Fall 2024	Spring 2025	Summer 2025
<i>Lee Campus:</i> 43	37	35
<i>Collier Campus:</i> 21	28	NA

Total: 164

The results indicate we missed the benchmark by 1 student. We had an enrollment count of 164.

Goal #3 (Student Learning Outcome 1): Patient Assessment

Students within the EMT Program are expected to interpret and plan correct patient care in various cardiac, respiratory, AMS, diabetic, CVA, stroke, seizures, allergies, poisoning, environmental, behavioral, OB/GYN, and trauma emergencies. This SLO aligns with our PLO of performing comprehensive patient assessments using scene size-up, primary and secondary surveys, vital signs measurement, and history taking for patients of all ages and conditions.

This outcome will be assessed using the results from the student's Trauma and Medical Assessment sheets. We will use the student grades to determine if 90% of the students earn 90% or higher.

Results:

	Fall 24 <i>Medical</i>	Fall 24 <i>Trauma</i>	Spring 25 <i>Medical</i>	Spring 25 <i>Trauma</i>	Summer 25 <i>Medical</i>	Summer 25 <i>Trauma</i>
<i>Lee Campus:</i>	40/41	31/41 75%	30/35	26/35 74%	30/35	17/35 48.5%
<i>Collier Campus:</i>	21/21	19/21 90%	25/26	25/26 96%	NA	NA

Total students earning 90% or higher on Medical Assessment - 146 /158 students = 92%

Total students earning 90% or higher on Trauma Assessment - 118 /158 students = 74.6%

Use of Results – The results of this outcome were discussed. We determined that students are weaker on their trauma assessment sheet than on the medical assessment sheet. Program Coordinators noted that more time is spent on the medical assessment in comparison to the trauma assessment. Additional considerations mentioned:

- Adding a homework or pop quiz to encourage review of the trauma assessment sheet
- Introduce the trauma assessment sheet sooner.

- Wait to introduce the trauma assessment sheet until after the medical assessment sheet quiz has been completed.

Goal #4 (Student Learning Outcome 2): EMT Comprehensive Final Results

To analyze and compare the performance of Emergency Medical Technician students based on their Fisdap final exam scores and first-time pass rates on the national registry exam. The Emergency Medical Technician Program will ensure that 75% of the EMT students will achieve a cut score of 72% or higher on their first attempt at the comprehensive final examination during the academic year 2024-25.

Each year, we analyze student performance on the EMT comprehensive final exam for EMS 2119. Last year, the first-time pass rate was 88%, up from 67% the year before. However, we noticed a decline in pass rates for the national registry exam. To address this, we would like to identify any correlations between Fisdap final exam performance and success on the national registry exam. Additionally, we seek to determine best practices in teaching methods to enhance overall student outcomes.

Results:

Summer 2024	Fall 2024	Spring 2025
<i>Lee Campus: 31/33 - 93.9%</i>	35/41 - 85.3%	18/35 - 51.4%
<i>Collier Campus: N/A</i>	16/21 - 76.1%	20/26 - 76.9%

The information above reflects the number of students who earned a 72% or higher on the comprehensive final.

Summer 2024	Fall 2024	Spring 2025
<i>Lee Campus: 24/34 - 82.7% (5 have not tested)</i>	20/40 - 55.5% (4 have not tested)	14/32 - 60.8% (9 have not tested)
<i>Collier Campus: N/A</i>	10/21 - 52.6% (2 have not tested)	17/24 - 85% (4 have not tested)

The information above reflects the number of students who passed the NREMT on the first attempt (as of 7/10/2025).

NREMT: 151 students - 24 have not attempted = 85/ 127 students passed on the first attempt = 66.9%

Comprehensive Final: 120/156 students = 76.9% of students earn 72% or higher on first attempt.

Use of Results – Extensive conversation occurred related to ways we can improve our first attempt pass rates:

- Communication plan for students who are waiting to test

- Retaking unit exams did not significantly improve results. The team has agreed to discontinue retakes for the 2025-26 academic year.
- Requiring attendance at EMT test prep session during the final weeks of the program
- Consider changing FISDAP tests to programmatic tests or Platinum (Scheduled demo session with Platinum).
 - The concern is FISDAP tests and potentially platinum tests are on Quizlet. Memorization is occurring and not a true indicator of students' understanding of the material.
 - Discussion occurred on the current practice of retakes – should all students be allowed to retest? Retest grades are being recorded in the gradebook.
 - What is acceptable for test review? Ex: going over questions pre or post-test.
 - Changes to Chapter Quizzes – the current method is that if students can prove a discrepancy exists, they will be given the point on the test, and a notation will be made. Additionally, the question will be changed for future use. How should this occur and be approved?
 - Reviewed Summer 2025 chapter quiz averages – Students are lowest in the area of Operations and OB/Peds. Discussed monitoring these scores for future trends and discussion.
- Consider a midterm for the lecture.
- Discussed implementation of the following policies:
 - Must maintain a 75% average or academic probation. Will review data from 22024-25 academic year of student course average in comparison to NREMT pass rates.
 - Pass all tests with 70% or higher, or failure of 3 or more will result in dismissal.
 - A third written counseling document during the cohort.
 - A grade of less than 80% on a retake of a test or exam.
 - Failure to meet the requirements of Academic Probation.

Goal #5 (Student Learning Outcome 3): NREMT Certification Exam Results

During the 2024-25 academic year, our goal is for 72% of EMT students to pass the NREMT state exam on the first attempt to obtain licensure.

Last year's effectiveness plan, specifically regarding this goal, was discussed with the EMT team on July 3, 2024, and again on August 12. The results showed that we had an average first-time pass rate of 61%. We talked about making Kaplan's EMT Exam Prep book a requirement for the Spring 2025 and Summer 2025 students as a tool to prepare them for the test. We also looked at Florida's first-attempt pass rate of 68% for 2023 and 69% for 2024, which has prompted us to challenge our students to achieve a 72% first-attempt pass rate.

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- Testing Policy Draft

Gio has drafted a testing policy that has been reviewed and emphasizes the importance of a standardized, secure, and equitable testing environment for all EMS students across all campuses. This policy governs the administration of FISDAP, Chapter Quizzes, and Final Exams and reflects best practices in academic integrity, test security, and accountability for both students and instructors.

We discussed the importance of refraining from answering questions related to assessments immediately before or during any exams. Instructors may discuss quiz questions or concerns with students after the tests and can award points for errors found in the questions. Any suggested edits to questions should be discussed with other instructors and implemented for future classes.

- Communication and Course Material Changes

Proposed changes to course materials should be communicated using track changes or a similar method. These changes will be communicated to the Director and Program Manager, with the Program Manager having the authority to implement modifications related to educational content. All course documentation will be saved on the institutional "S" drive.

- Review Fall 2025 final dates

EMT Comprehensive Finals (Lee and Collier) scheduled at Lee Campus on 12/1/25, EMS 2677/L Medical Finals (all medics) at Lee Campus on 12/2/2025, EMT Psychomotor Finals at Lee Campus on 12/3/2025, EMT Retakes on 12/4/25, EMS 2677/L Trauma Finals (all medics) at Lee Campus on 12/5/2025, N.Collier EMS 2600L Finals on 12/1/25, EMS 2677L Retakes and Lee EMS 2600L Finals, EMT Test Prep at Lee Campus 11/25, Medic Test Prep 12/10 and 12/11 Paramedic Graduation date – TBD (Arena not available, looking into First Baptist Church or 2 Graduations).