

2019-20 Assessment Activities

The program faculty conducted formal assessment of three student learning outcomes during the 2019-2020 academic year (Student Cohort: Class 46-20).

Student Learning Outcome #1: An ability to understand, interpret and apply EMS and general medical knowledge necessary to function in a healthcare setting.

We will use two measures of this outcome:

1. **NREMT Written Paramedic Exam** is the comprehensive written exam administered by the National Registry of EMT's that prospective paramedic candidates must take after graduating from their paramedic program before they are granted a license to practice within an individual state. Our target is to have 80% of the students pass with one attempt and for 90% to pass within 3 attempts.

Table 1: NREMT Written Paramedic Exam

	Percent of students passing with one attempt	Percent of students passing with two attempts	Percent of students passing with more than two attempts
Class 46	91% (20 students)	9% (2 students)	0%

2. **The CoAEMSP Graduate Summary Report** is the annual survey of the past year's graduates that we do as part of our accreditation. The survey queries the students as to how well our program prepares them to function in a healthcare/EMS environment. The survey is divided into three broad categories: Cognitive, Psychomotor and Affective, which match the three Learning Outcomes listed in this Assessment Report. Our target for Learning Outcome #1 is that 90% of the survey respondents check Successful/Competent.

Results: Graduates of the 2018 cohort were surveyed in the fall of 2019 giving them 6-12 months of field employment experience. They rated a series of questions for each of the three learning domains on a scale of Unsuccessful, Marginal or Successful/Competent. The summary of their responses for learning outcome #1 include:

Cognitive Results = 86% of responses indicating Successful/Competent

Summary of Assessment Results for Learning Outcome #1

After discussion, the faculty concluded

1. Assessment quality:

We have three independent and temporally distinct measures to address this single learning outcome.

Students are exceeding or meeting all three measures for the learning outcome, Our problem with the value of all of these assessments is the small sample size. This is particularly problematic with the CoAEMSP reports as we are dependent on the response of employers and graduates. Despite our diligent attempts, the number of respondents for these two reports remains low. Additionally because our class size is usually < 35 students, Measures #1 represent a small sample size as well.

In 2022 (, we plan to evaluate the results of 2017-2022 together in order to get a more complete assessment across that five-year period of our program.

Student Learning Outcome #2: An ability to perform a broad range of paramedic level EMS skills both difficult and routine.

We will use three measures of this outcome:

1. The **Final Skills Exam** is the comprehensive skills exam that every student must pass in order to graduate from our program. Our target is to have 80% of the students pass with one attempt and for 100% to pass all sections with 1-2 attempts.

Table 3: Final Skills Exam 46-20

Exam Section	Number of students passing with one attempt	Number of students passing with two attempts	Number of students passing with more than two attempts
Ventilation			

Student Learning Outcome #3: An ability to conduct oneself in a professional manner and show proficiency in interpersonal relations and communication.