



UNIVERSITY OF ARKANSAS
PULASKI TECH

Assessment Report:
2019-2020:
EMS 2159 Paramedic Competencies



1. Name of individual compiling report: EMS Faculty- Shray, Mitchell & Rinehart

2. Date of submission: 10-1-2020

3. Is the assessment plan (*Check or highlight one*)

an initial plan for the program

a revision of an old plan

unaltered from previous year

Course-Level Learning Outcomes-

What are the Course-Level Outcomes (CLOs)?

1. Demonstrate personal behaviors consistent with professional and employer expectations of an entry-level paramedic.
2. Demonstrate technical proficiency in all of the skills necessary to fulfill the role of an entry-level paramedic.
3. Comprehend, apply, and evaluate information relative to the role of an entry-level paramedic.
4. Manage a pediatric and adult airway with advanced skills.
5. Perform a thorough and effective trauma patient assessment including management and resource allocation.
6. Assess and manage a patient with cardiovascular compromise.
7. Provide intravenous and intraosseous access to all age groups.
8. Administer medications accurately and safely.
9. Spinal immobilize a variety of patients in different positions.
10. Review vital concepts in the paramedic cognitive domain including airway, breathing, cardiovascular emergencies, medical emergencies, obstetrics, pediatrics, trauma, and operations.
11. Complete a summative psychomotor examination.
12. Complete a summative cognitive examination.

Which CLOs were addressed for this academic year? (2019-2020)

1. Demonstrate personal behaviors consistent with professional and employer expectations of an entry-level paramedic.

2. Demonstrate technical proficiency in all of the skills necessary to fulfill the role of an entry-level paramedic.
3. Comprehend, apply, and evaluate information relative to the role of an entry-level paramedic.
4. Manage a pediatric and adult airway with advanced skills.
5. Perform a thorough and effective trauma patient assessment including management and resource allocation.
6. Assess and manage a patient with cardiovascular compromise.
7. Provide intravenous and intraosseous access to all age groups.
8. Administer medications accurately and safely.
9. Spinal immobilize a variety of patients in different positions.
10. Review vital concepts in the paramedic cognitive domain including airway, breathing, cardiovascular emergencies, medical emergencies, obstetrics, pediatrics, trauma, and operations.
11. Complete a summative psychomotor examination.
12. Complete a summative cognitive examination.

Which CLOs are being addressed in your assessment plan next academic year? (2020-2021)

1. Demonstrate personal behaviors consistent with professional and employer expectations of an entry-level paramedic.
2. Demonstrate technical proficiency in all of the skills necessary to fulfill the role of an entry-level paramedic.
3. Comprehend, apply, and evaluate information relative to the role of an entry-level paramedic.
4. Manage a pediatric and adult airway with advanced skills.
5. Perform a thorough and effective trauma patient assessment including management and resource allocation.
6. Assess and manage a patient with cardiovascular compromise.
7. Provide intravenous and intraosseous access to all age groups.
8. Administer medications accurately and safely.
9. Spinal immobilize a variety of patients in different positions.

10. Review vital concepts in the paramedic cognitive domain including airway, breathing, cardiovascular emergencies, medical emergencies, obstetrics, pediatrics, trauma, and operations.
11. Complete a summative psychomotor examination.
12. Complete a summative cognitive examination.

Explain the assessment cycle.

Didactic exams are administered via technology with our LMS. Students practice skills in laboratory time with a series of practice, peer reviews and complete a summative psychomotor and cognitive exam.

What are the assessment methods? Are they direct or indirect?

| Direct Measures | Indirect Measures |
|--|--|
| <ul style="list-style-type: none"> • Exams • Observations of clinical & field experiences, & laboratory. • Class discussion participation | <ul style="list-style-type: none"> • Course Evaluations • Time spent on homework and assignments |

What are the assessment goal(s)?

| Assessment Goals | |
|---|--|
| Exams | Grade of 80% or higher on this activity with no critical criteria. |
| Observations of clinical & field experiences, & laboratory. | Individual rating of the following with no critical criteria: <u>Competent</u> : Performs without coaching. |

| | |
|---|---|
| Class discussion participation | Individual performance where the student is found to be <u>Competent</u> : Performs without coaching. |
| Hours spent on homework and assignments | A positive correlation with academic performance. |

What were the findings for this academic year? (2019-2020)

| Assessment Findings | |
|---|---|
| Exams | Grade of 80% or higher on this activity All students met or exceeded this metric. |
| Observations of clinical & field experiences, & laboratory. | Individual rating of one of the following with no critical Criteria: <u>Competent</u> : Performs without coaching. All students met this metric. |
| Class discussion participation | Individual performance where the student is found to be one of the following: <u>Competent</u> : Performs without coaching. All students met this metric. |
| Hours spent on homework and assignments | A positive correlation with academic performance. All students met or exceeded this metric. |

What is your analysis of the findings?

All students met the listed requirements of this class. No areas of concern identified.

What is the action plan for the next academic year? (2020-2021)
Explain.

No changes anticipated for the next academic year in this area.