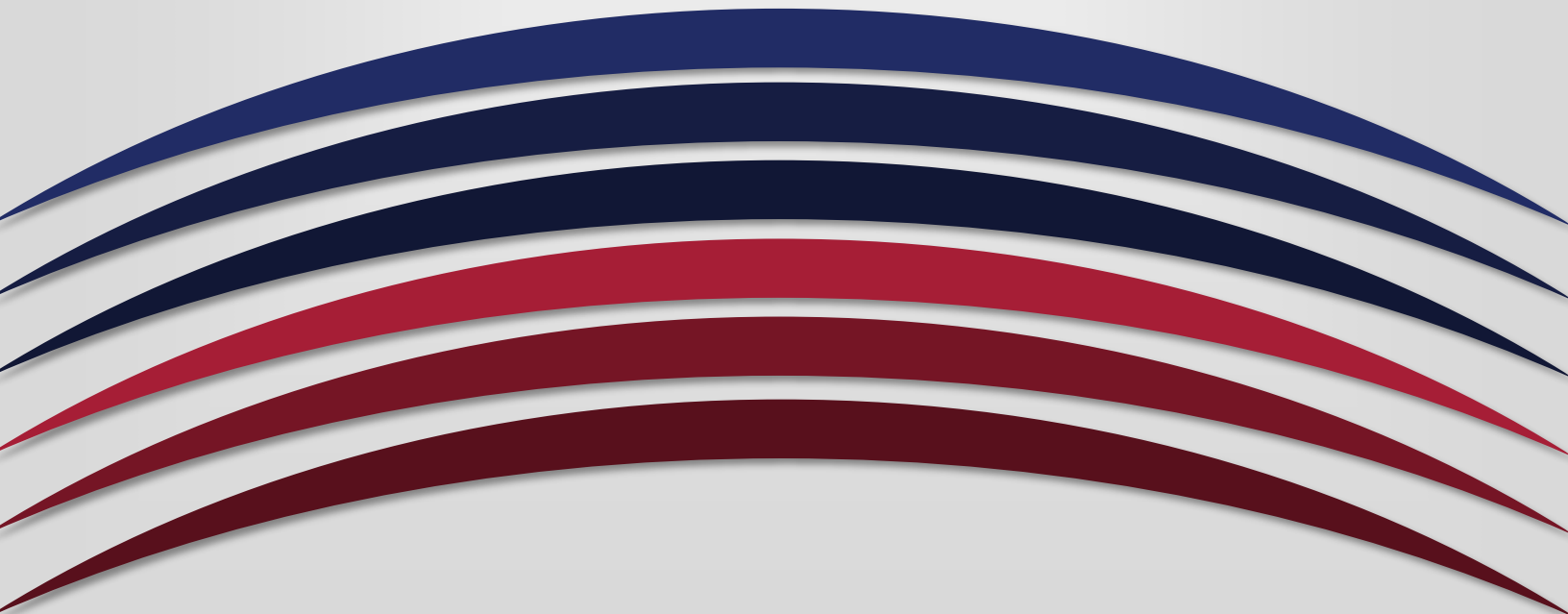




UNIVERSITY OF ARKANSAS
PULASKI TECH

Assessment Report:
2019-2020:
EMS 1320 Pharmacology



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. Synthesize patient history information and assessment findings to form a field impression.
5. Implement a pharmacologic management plan based on the patient assessment findings.
6. Assess the pathophysiology of a patient's condition by identifying classifications of drugs.
7. Describe general properties of drugs including various forms, drug actions, doses, and routes of administration.
8. Describe the history of pharmacology including legislation and the regulation of drugs.
9. Discuss special pharmacological considerations for pregnant patients, children, and the aged.
10. Discuss the components of medical terms including prefixes, word roots, suffixes, and abbreviations that are used in communications.

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. Synthesize patient history information and assessment findings to form a field impression.
5. Implement a pharmacologic management plan based on the patient assessment findings.
6. Assess the pathophysiology of a patient's condition by identifying classifications of drugs.
7. Describe general properties of drugs including various forms, drug actions, doses, and routes of administration.
8. Describe the history of pharmacology including legislation and the regulation of drugs.
9. Discuss special pharmacological considerations for pregnant patients, children, and the aged.
10. Discuss the components of medical terms including prefixes, word roots, suffixes, and abbreviations that are used in communications.

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. Synthesize patient history information and assessment findings to form a field impression.
5. Implement a pharmacologic management plan based on the patient assessment findings.
6. Assess the pathophysiology of a patient's condition by identifying classifications of drugs.
7. Describe general properties of drugs including various forms, drug actions, doses, and routes of administration.

8. Describe the history of pharmacology including legislation and the regulation of drugs.
9. Discuss special pharmacological considerations for pregnant patients, children, and the aged.
10. Discuss the components of medical terms including prefixes, word roots, suffixes, and abbreviations that are used in communications.

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 finally instructor check off.

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

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

What are the assessment goal(s)?

Assessment Goals	
Course homework and assignments	Grade of 75% or higher on this activity
Exams and quizzes	Grade of 75% or higher on this activity

Observations of clinical & field experiences, & laboratory.	Individual rating of one of the following with no critical Criteria: <u>Competent</u> : Performs without coaching. <u>Developing</u> : Performs with coaching
Class discussion participation	Individual performance where the student is found to be one of the following: <u>Competent</u> : Performs without coaching. <u>Developing</u> : Performs with 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	
Course homework and assignments	2 students failed to meet this metric due to lack of completing these activities.
Exams and quizzes	2 students failed to meet this metric due to lack of completing these activities.
Class discussion participation	All students that were present met or exceeded this metric.
Hours spent on homework and assignments	2 students failed to meet this metric due to lack of completing these activities.

What is your analysis of the findings?

All students that participated in class and spent adequate time with homework and assignments successfully completed the course.

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

We will continue to encourage student engagement in all aspects of the class. No further changes anticipated for the next academic year in this area.