

EMSP 288-PARAMEDIC REFRESHER 3 CREDITS

SYLLABUS

CATALOG DESCRIPTION

This three-credit hour course reviews and updates the knowledge base and skills of the currently certified EMT-Paramedic. This course meets all the requirements for a New Mexico and National Registry Paramedic Refresher. This class is a New Mexico EMSB Approved Refresher. This course does not include any card certification classes such as ACLS, PALS, PHTLS. As part of the NM paramedic refresher requirements, 16 hours of course work must be done face to face with 32 hours completed online.

Prerequisites: NREMT or NM Paramedic

Semester Offered: Fall

COMMON STUDENT LEARNING OUTCOMES

Upon successful completion of San Juan College programs and degrees, the student will demonstrate competency in...

BROAD AND SPECIALIZED LEARNING

Students will actively and independently acquire, apply, and adapt skills and knowledge with an awareness of global contexts.

CRITICAL THINKING

Students will think analytically and creatively to explore ideas, make connections, draw conclusions and solve problems.

CULTURAL AND CIVIC ENGAGEMENT

Students will act purposefully, reflectively, and ethically in diverse and complex environments.

EFFECTIVE COMMUNICATION

Students will exchange ideas and information with clarity in multiple contexts.

INFORMATION LITERACY

Students will be able to recognize when information is needed and have the ability to locate, evaluate, and use it effectively.

INTEGRATING TECHNOLOGIES

Students will demonstrate fluency in the application and use of technologies in multiple contexts.

Student work from this class may be randomly selected and used anonymously for assessment of course, program, and/or institutional learning outcomes. For more information, please refer to the Dean of the appropriate School.

COURSE LEARNING OUTCOMES

Upon successful completion of the course, the student will be able to...

Preparatory

A copy of this approved syllabus is on file in the dean's office.
Updated 12/14/18

1. Access and use Free Online Access Medicine in your clinical practice.
2. Apply concepts of Human Factors in your practice with goal improving patient and team safety.
3. Review pharmacology concepts and risk versus benefit factors with a focus on amiodarone.
4. Review the New Mexico Scope of practice.
5. Identify normal chemistry values for the adult patient
6. Define the normal range of laboratory values for components of a complete blood count for the adult patient
7. Identify treatments associated with abnormal findings.
8. Interpret an Arterial Blood Gas
9. Describe what “point-of-care” (POC) testing is, and discuss why values generated using POC methods may be less precise and also differ, on average, from values generated in the clinical laboratory
10. Review the principles of airway management with a focus on the SALT, I-gel, and Surgical Cricothyrotomy.
11. Discuss the modes of ventilation and the impact on the patient with a focus to CPAP and BiPAP.
12. Review ECG interpretation including 12 Lead ECG.
13. Discuss the management of the hyperkalemic patient.
14. Review the use of Thrombolytic medications.
15. Review Respiratory Anatomy and Physiology, including breath sounds.
16. Discuss the pathophysiology and management of the patient experiencing allergic reaction and anaphylaxis.
17. Discuss the integration of “Tactical EMS” into “Everyday EMS”.
18. Describe the best evidence of Hemorrhage control in the EMS.
19. Discuss the best available evidence on spinal restriction.
20. Discuss quality Trauma pediatric care and its use in EMS.
21. Discuss the care and management of chest tubes.
22. Describe the use of the Morgan Lens.
23. Discuss the pathophysiology and management of the pediatric patient experiencing respiratory distress.
24. Discuss the pathophysiology and management of the neonatal emergencies.
25. Describe the use of the Pediatric Assessment Triangle.
26. Discuss the pathophysiology and management of problems in the Special Needs population.
27. Discuss the role of the paramedic in the Active Shooter scenario.
28. Discuss the implication of Bioterrorism in EMS