



EMSP 229 Paramedic Lab I Section Name Section Credit Hours Credits
Syllabus

Course Information

Meeting times and location: section meeting_times section location

Catalog description: Serves as the lab component of the first semester of the paramedic program. Reinforces paramedic theory coursework through practical labs and simulated patient care scenarios. Topics covered include foundational paramedic practice, assessment and clinical decision making, airway and ventilatory management, pharmacology, cardiology, and medical emergencies. Special prerequisite: Acceptance into the paramedic program.

Terms offered: Fall Only

Section-specific Course Description:

Course Level Objectives

1. Demonstrate patient assessment of an EMS patient with medical, behavioral or trauma related pathologies
2. Demonstrate methods that enhance patient rapport and trust
3. Demonstrate closed loop communication
4. Demonstrate age specific assessment skills for pediatric to geriatric patients
5. Demonstrate basic airway management techniques including manual methods, BLS adjuncts and proper use of suctioning
6. Demonstrate advanced airway management techniques including oral and nasal intubation, para-glottic airway devices, needle cricothyrotomy and open (surgical) cricothyrotomy
7. Demonstrate cardiopulmonary resuscitation and artificial ventilation to current industry standards
8. Demonstrate safe and aseptic techniques for establishing vascular access

9. Demonstrate safe and proper medication administration by all conventional routes of administration
10. Demonstrate competency in calculating drug dosages and infusion rates
11. Demonstrate proficiency in cardiac rhythm analysis and interpretation of 12 and 15 lead EKGs
12. Demonstrate thorough and concise recordkeeping including writing patient care record (PCR) narratives
13. Identify the epidemiology, anatomy, physiology, pathophysiology, assessment findings, and management (including prehospital medications) for the following diseases and conditions:
 1. adult respiratory distress syndrome
 2. bronchial asthma
 3. chronic bronchitis
 4. emphysema
 5. pneumonia
 6. pulmonary edema
 7. pulmonary thromboembolism
 8. spontaneous pneumothorax
 9. hyperventilation syndrome
 10. allergic reactions including anaphylaxis
 11. angina pectoris
 12. myocardial infarction
 13. ventricular fibrillation and pulseless v-tach
 14. pulseless electrical activity
 15. asystole
 16. congestive heart failure
 17. aortic aneurysm and dissection
 18. cardiomyopathy
 19. cardiac dysrhythmias including heart block
 20. transient ischemic attack
 21. ischemic stroke
 22. intracranial hemorrhage
 23. altered mental states
 24. seizures

14. Demonstrate professional affect and behavior to include empathy and compassion for patients and family, respectful interactions with fellow students, healthcare and public safety colleagues, and sensitivity to cultural differences and patients with special needs
15. Integrate information from co-requisite theory courses with practical application of paramedic skills
16. Integrate critical thinking, team-building, communication and leadership skills with assessment based care of simulated EMS patients
17. Integrate current technologies used to assess and manage patients in out of hospital care.
18. Student will satisfy all Appendix G, CoAEMSP requirements.

Required Texts and/or Materials

No required textbook. Platinum Education will be used for skills tracking.

Required Technology and Software

- Canvas
- Chrome, Safari, or Firefox

Course Requirements

Students will do the following activities:

Grading

Final grades are calculated based on the following...

Category	Weight
Affective	10% P/F
Skills Competency	25
Final Scenarios/Skills Testing	50%
Quizzes & Assignments	15%

Course Time Commitment

This is a 5 credit hour lab/skills course and runs the span of the entire semester (15 weeks). Students are expected to be prepared in advanced, for the skills to be assessed and practiced during lab. A minimum of 2-3 hours of study time is required for every hour of contact time in this course.

Canvas Participation and Expectations

We will make use of some high-fidelity patient simulators. These high-dollar simulators can produce some realistic feed-back on certain skills. You will get to know their advantages and their limitations. In lab you are expected to treat all equipment and supplies with care and respect and put them away ready for future.

Please take time to review the Code of Conduct in the Student Handbook. Students are expected to act respectfully towards fellow classmates, and instructors at all times. Students' Affective/Professional Behavior is a gradable component of this course. Please refer to the Paramedic Handbook for the program for further information on Affective Behavior.

Participation and Attendance Policy

EMSP 229 Lab sessions are an integral part of this program and run concurrently with all didactic/hybrid classes. Attendance is essential and difficult to make up. If you miss too many hours you won't pass the lab course and must continue the paramedic program another year. Consult your handbook for more on this.

Your faculty are experienced and committed to assuring that your time in lab is not wasted. We must all start on time and be dressed for work. Much of the class will be spent with role playing. Scenarios are intended to help you put new skills and knowledge into context. They are dress rehearsals for real life. They are a safe place to make mistakes and grow from them while you integrate new skills with critical thinking.

Instructor Response Times & Regular Interaction Expectations

Instructors work hard to grade assignments in a timely fashion. Please allow 5-7 business days for grading.

Key Dates to Remember

[Full Academic Calendar](#)

Course Schedule

A copy of the Fall Paramedic, 2021 schedule is available on CANVAS.

Program Handbook

A copy of the Paramedic Handbook is available on CANVAS.

Technical Support

Technical support is available through the San Juan College Help Desk 24/7/365. The help desk can be reached at 505-566-3266 or by creating a ticket at [San Juan College Help Desk](#).

For password reset and Canvas support, visit the [Student Technology Guide](#) website.

Accessibility/Privacy Policies for all Technology Tools Used

[Accessibility/Privacy Policies for all Technology Tools Used](#)

Student Support

At San Juan College, we are committed to supporting your academic success and overall well-being. We recognize that college life can be challenging and stressful, impacting both learning and personal health. We are here to help you succeed.

Academic Support and Resources

We provide a range of academic support services to help you stay on track on your educational journey. Free resources include tutoring, computer loans, life skills workshops, and so much more. Visit the [Academic Support and Resources](#) webpage to learn more about support and resources available

through Academic Advising, the Tutoring Center, the Student Resource Center (formerly Student Achievement Center) and the Testing Center.

Student Support and Resources

If you or someone you know could benefit from counseling, accessibility services, career exploration, veteran transitional assistance, or any of our other support services, visit the [Student Support and Resources](#) webpage where you'll find detailed information about various resources available to you as an SJC student.

We encourage you to take advantage of these free resources to enhance your college experience and ensure your success.

College Policies and Resources for Current Students

The [Student Handbook](#) provides information on student support, student organizations, and student conduct policies at San Juan College.

The San Juan College catalog outlines the [Academic Policies](#) students need to know.

Healthy and Safe Practices for Being on Campus

We want a healthy and safe campus for students, faculty, staff, and guests.

Contagious diseases and your responsibility:

If you have COVID-19 symptoms, fever, flu or even the common cold, you should stay home. Do not come to campus if you are feeling sick. Contact your instructor about missing class (and review your instructor's policies on missed or late work). Being sick does not necessarily excuse you from completing your work on time.

Safety on campus and your responsibility:

If you are on campus and experience or witness an emergency, call 9-1-1 first and then the Department of Public Safety at 505-566-3333 (or just 3333 if calling from a campus phone).

When you are on campus, be aware of your surroundings. If you need an escort to your vehicle, call 505-566-4444 (DPS non-emergency line) or 505-215-3091 (officer on duty line).

The College will send information for campus emergencies through SJC AlertAware, email and the webpage. Stay informed and stay safe.

Inclement Weather Information

Students will receive notification of class delays and cancellations due to inclement weather via the SJC AlertAware and SJC student email. Face-to-face classes will not meet in person; however, students are advised to check with instructors about alternative meeting options, as some may choose to meet via zoom. Hybrid classes will meet as scheduled via zoom. For questions regarding your class delay or cancelation, please contact your instructor.

Online Course Fee

Online Courses - San Juan College requires all online courses to include some form of assessment to demonstrate the mastery of course objectives. This could include exams, capstone projects, e-portfolios, presentations, final papers or other appropriate assessments. The use of a proctoring platform, plagiarism detection software or other method to ensure that assessments are completed by the enrolled student is required.

A course fee of \$5.00 is assessed for all online courses at San Juan College to cover the cost of the above services. Students who are required to take a proctored exam and choose to use a physical testing center outside the SJC Testing Center or SJC Disability Services will be responsible for the cost of using that center.