

EMSP 1112 - Paramedic Fundamentals Lab (4 Credits)

Course Description

Paramedic Fundamentals Lab equips the student with the essential psychomotor skills of a paramedic. During this course, competency of EMT skills will be evaluated, and the student will be taught advanced assessment techniques, IV insertion and maintenance, medication administration techniques, airway management, advanced airway placement, cardiac evaluation, and additional skills for paramedic competency according to the National EMS Standards.

Course Objectives

- Identify and demonstrate effective scene safety and control
- Properly perform measurement and recording of vital signs
- Effectively initiate IV or IO access and maintain it
- Demonstrate thorough patient assessments
- Manage basic airway techniques without guidance
- Perform advanced airway placement with limited oversight
- Complete advanced airway management for complex airway situations
- Demonstrate professionalism without scope of practice of psychomotor skills
- Perform basic cardiac monitoring
- Practice proper skill performance documentation
- Work well integrating as part of an EMS team

Course Outline

- EMT Skills Review
- Patient Assessment
- Basic Airway Management
- Basic Cardiac Monitoring
- Intravenous (IV) Skills
- Advanced Airway Placement
- Beginning Medication Administration
- Medical Documentation
- Professionalism and Skills Pass-Offs

Classroom Hours

Start: 1-21-2025

End: 5-13-2025

Mo, Tu

2:00 PM - 6:00 PM

For a full list of course hours visit: [Course Schedule](#)

Instructor Contact Information

Nancy Small — nsmall@stech.edu

Office Hours: By appointment

Email is the preferred method of communication; you will receive a response within 24 hours during regular business hours.

Canvas Information

Canvas is the where course content, grades, and communication will reside for this course.

- stech.instructure.com
- For Canvas, Passwords, or any other computer-related technical support contact Student Services.
- Regular Hours and Weekdays (435) 586 - 2899
- After Hours & Weekends (435) 865 - 3929 (Leave a message if no response)

Course Policies

As a paramedic student, it will be required to perform all the functions of a paramedic. Thus, this course will require bending, lifting, moving and physical exertion at times. Performing assessments and skills of the profession requires physical technique, cognitive knowledge, and ongoing practice. If there are concerns about meeting these requirements, please speak with the instructor or Program Director.

The following grading scale will be utilized for this course and throughout the program: A: 95-100% , A-: 90-94%, B+: 87-89%, B: 84-86%, B-: 80-83%, Below 80%: Fail. The grade for this course will be based on attendance/participation, skills pass-offs, and affective behavior. A portion of the grade for this course will also come from the foundational work on and Evidence-Based Practice Project and Literature Review. There will be a final lab exam at the completion of the course to verify overall competency of the paramedic skill set.

Attendance in class is essential to attain needed information and skill set. Thus, attendance is required. If an absence is unavoidable, please notify the Program Director so that necessary arrangements can be made. Two (2) absences will result in a verbal warning. Absences extending beyond two will require meeting with the Program and Medical Directors to discuss potential dismissal from the program.

Be courteous to your other classmates and keep cell phone use to a minimum and take phone calls out in the hall. Phones are not permitted in the clinic at anytime.

This course will involve scenario based learning primarily executed in the EMS lab, but also other various sites throughout the school to include the Nursing Simulation Lab, on the practice ambulance, and other sites as deemed appropriate for instruction.

Additional Information

InformaCast Statement: Southwest Tech uses InformaCast to ensure the safety and well-being of our students. In times of emergency, such as weather closures and delays, this app allows us to promptly deliver notifications directly to your mobile devices. To stay informed and receive real-time updates, we encourage all students to sign up for notifications. Your safety is our priority, and staying connected ensures a swift response to any unforeseen circumstances. More information and directions for signing up are available at: <https://stech.edu/emergency-notifications/>

Internet Acceptable Use Policy: The student is expected to review and follow the Southwest Technical College Internet Safety Policy at: <https://stech.edu/students/policies/>

Student Code of Conduct Policy: The student is expected to review and follow the Southwest Technical College Student Code of Conduct Policy at: <https://stech.edu/students/policies/>

Accommodations: Students with medical, psychological, learning, or other disabilities desiring accommodations or services under ADA, must contact the Student Services Office. Student Services determines eligibility for and authorizes the provision of these accommodations and services. Students must voluntarily disclose that they have a disability, request an accommodation, and provide documentation of their disability. Students with disabilities may apply for accommodations, based on an eligible disability, through the Student Services office located at 757 W. 800 S., Cedar City, UT 84720, and by phone at (435) 586-2899. No diagnostic services are currently available through Southwest Technical College.

Safety and Building Maintenance: The College has developed and follows a variety of plans to ensure the safe and effective operation of its facilities and programs. The following plans are available online:

1) Facilities Operations and Maintenance Plan; 2) Technical Infrastructure Plan; and 3) Health and Safety Plan.

Withdrawals and Refunds: Please refer to the Southwest Technical College Refund Policy at: <https://stech.edu/students/policies/>

Any high school or adult student, who declares a technical training objective is eligible for admission at Southwest Technical College (Southwest Tech). Program-specific admissions requirements may exist and will be listed on the Southwest Tech website. A high school diploma or equivalent is not required for admission but is mandatory for students seeking Title IV Federal Financial Aid.

Non-Discriminatory Policy: Southwest Technical College affirms its commitment to promote the goals of fairness and equity in all aspects of the educational enterprise, and bases its policies on the idea of global human dignity.

Southwest Tech is committed to a policy of nondiscrimination. No otherwise qualified person may be excluded from participation in or be subjected to discrimination in any course, program or activity because of race, age, color, religion, sex, pregnancy, national origin or disability. Southwest Technical College does not discriminate on the basis of sex in the education programs or activities that it operates, as required by Title IX and 34 CFR part 106. The requirement not to discriminate in education programs or activities extends to admission and employment. Inquiries about Title IX and its regulations to STECH may be referred to the Title IX Coordinator, to the Department of Education, and/or to the Office for Civil rights.

If you believe you have experienced discrimination or harassment on our campus, please contact the Title IX Coordinator, Cory Estes: cestes@stech.edu, (435) 865-3938.

For special accommodations, please contact the ADA Coordinator, Cyndie Tracy: ctracy@stech.edu, (435) 865-3944.

Southwest Technical College

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