

## EMSP 1501 - Advanced Emergency Care (6 Credits)

### Course Description

Advanced Emergency Care prepares the student with the remaining cognitive skill set to be a functional, entry-level paramedic. Instruction will include advancement of assessment and care techniques for special situations and populations, cardiology, and a wide scope of medical and trauma conditions. Students will be taught pharmacology specific to the role of paramedic and the conditions, protocols, and methods of use.

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### Course Objectives

- Diagnose injuries and illnesses accurately in pediatric, adult, and geriatric patients under the supervision of an approved preceptor.
  - Treat injuries and illnesses safely using the entire spectrum of paramedic protocols under the supervision of an approved preceptor.
  - Compare the management of normal deliveries versus high-risk pregnancy and related gynecological emergencies.
  - Evaluate the pathophysiology, management, and resuscitation of infants, including neonates and newborns.
  - Demonstrate a patient assessment of an obstetric patient and organize findings for assessment-based management of a normal and abnormal.
  - Diagram the Incident Command Structure (ICS) and explain concepts of interdisciplinary roles in various EMS incidents.
  - Integrate awareness and management of Hazardous Materials incidents, bioterrorism, WMD, and mass casualty incidents.
  - Outline care which may include out-of-classroom education in high angle rescue, swift water rescue, paramedic course, aeromedicine, and ongoing field assessment.
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### Course Outline

- Trauma
- Pharmacology
- Cardiology
- Medical Emergencies
- Special Patient Populations

## Classroom Hours

Start: 5-19-2025

End: 9-9-2025

Monday

9:00 AM - 1:00 PM

2:00 PM - 6:00 PM

Tuesday

9:00 AM - 1:00 PM

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

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## Instructor Contact Information

Nancy Small — [nsmall@stech.edu](mailto: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.

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## Canvas Information

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

- [stech.instructure.com](http://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)
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## Course Policies

The preparatory nature of this course requires the student be actively involved and dedicated to learning the material and completing the coursework. Course content is foundational to the education of a paramedic. If there is difficulty with any of the information or concepts, please seek help early so that you can be assisted in attaining and assimilating the essential content. If a student has completed foundational courses in Anatomy, Physiology, English, and Math and demonstrates adequate retention and integration of content, OR passes the Fisdap Paramedic Entrance Exam with >80%, credit will be awarded and attendance of this course will be waived.

This course does not contain any tests, but various assignments to assess understanding. Each writing assignment is awarded points according to how well the submission follows the requirements of the assignment and are graded according to the college writing guidelines. Math, Anatomy and Physiology assignments are graded on accuracy and correctness. Students must demonstrate a minimum competence in all areas of the course with an 80% to be able to progress in the program. 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 concepts in this course are essential to progress within the program, and the course is very brief. Therefore, 100% attendance is required. If there are extreme circumstances, contact the Program Director to discuss the situation. Be courteous to your other classmates and keep cell phone use to a minimum and take only necessary phone calls out in the hall. Classroom setting

## 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](mailto:cestes@stech.edu), (435) 865-3938.

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

Southwest Technical College

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