

PARAMEDIC TECHNOLOGY: CP

Certificate of Proficiency | 50 credit hours minimum

Area of Interest: Health Professions

Program Website (<https://stlcc.edu/programs-academics/pathways/health-professions/paramedic-technology/>)

Academic Advising (<https://stlcc.edu/admissions/advising/>)

Program Description:

Paramedic Technology, Certificate of Proficiency prepares students for positions as emergency medical technicians-paramedics. Paramedics are skilled in patient assessment and recognition of diagnostic signs and symptoms of major injuries and illnesses. They learn to use ambulance, rescue vehicle, and hospital emergency room equipment to provide high-level emergency medical care and stabilize emergency patients. Paramedics also are trained to provide advanced life support to include fluid and drug therapy, as well as the performance of some essential emergency surgical techniques under the written or oral orders of licensed physicians.

Students should have maturity in dealing with others. They should have good manual dexterity and physical coordination for carrying, lifting, extricating, climbing, hoisting, etc. In addition, they should be able to give as well as receive written and oral directions and instruction. Good vision and visual color discrimination is necessary in the examination of patients for determining diagnostic signs requiring immediate treatment.

Students interested in this certificate will be taking the paramedic courses to obtain National Registry certification, and graduates are eligible to sit for state and national licensing boards. Positions are available with ambulance services, fire departments, hospitals, emergency communications centers, and industrial medical and safety departments. Students who choose to obtain an Associates of Applied Science degree will have increased salary and promotion opportunities.

The St. Louis Community College Paramedic Technology program is accredited by the Commission on Accreditation of Allied Health Education Programs (www.caahep.org) upon the recommendation of the Committee on Accreditation of Educational Programs for the Emergency Medical Services Professions (CoAEMSP).

The 2023 CAAHEP *Standards and Guidelines for the Accreditation of Educational Programs in the Emergency Medical Services Professions*

"To prepare Paramedics who are competent in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains to enter the profession."

To contact CAAHEP:

1361 Park St.
Clearwater, FL 33756
Telephone: 727-210-2350

To contact CoAEMSP:

8301 Lakeview Pkwy.
Suite 111-312
Rowlett, TX 75088
Telephone: 214-703-8445

Fax 214-703-8992
www.coaemsp.org (<http://www.coaemsp.org>)

Location. This program is offered in its entirety at Florissant Valley, Forest Park, and Wildwood.

Related Program. The Paramedic Technology Department offers an associate in the following area:

- **Paramedic Technology, Associate in Applied Science** (<https://catalog.stlcc.edu/programs/paramedic-technology-aas/>)

Licensure. This program meets the educational requirements for state licensure in the following states: Missouri and Illinois. Students interested in pursuing licensure in a different state should contact the program coordinator for more information.

Cost of Attendance. For more information on cost of attendance visit **MoSCORES** (<https://scorecard.mo.gov/Search/>).

Program Career and Salary Information. Pursuant to Missouri HB 1606 (2018), information regarding the number of credit hours, program length, employment rate, wage data, and graduates employed in careers related to their program of study at St. Louis Community College can be found at the following URL: <https://scorecard.mo.gov/scorecard/>. Search using School / Program "St. Louis Community College" and choose the degree or credential type of interest.

The following limitations to the data apply: Information provided is based on the most recent cohorts available. Typically, the most recent cohorts for wage and completion data are six years before the current academic year. The time to complete a program of study varies depending on the number of credit hours students earn per semester.

Interested in this program? Start the enrollment process by visiting the **Apply to STLCC** (<https://www.stlcc.edu/admissions/apply-to-stlcc/>) page.

At the completion of the program, students are expected to:

1. use Advanced Life Support (ALS) equipment.
2. provide age-appropriate care as it relates to emergency medicine.
3. administer proper patient care.
4. perform patient care assessments.
5. plan the patient's treatment based upon the assessment.
6. demonstrate competent entry level paramedic skills in laboratory and scenario settings.

Program of Study

Code	Title	Credit Hours
Pre-Entry Requirements		
EMT 119	Emergency Medical Technician Emergency Medical Skills	1
EMT 123	Emergency Medical Technician Clinical I	1
EMT 121	Emergency Care, Principles, and Techniques	8
Program Requirements		
PAR 233	EMS Foundations	1
PAR 235	Paramedic Skills I	2
PAR 221	Paramedic Clinical I	3
PAR 236	EMS Pathophysiology	2

PAR 237	Pulmonology	3
PAR 238	Cardiology	5
PAR 239	Trauma	3
PAR 240	EMS Operations	2
PAR 222	Paramedic Clinical II	3
PAR 242	Medical Care	5
PAR 244	Special Patients	2
PAR 245	Paramedic Skills II	2
PAR 241	EMS Seminar	3
PAR 243	Field Internship	4

Total Credit Hours 50

Paramedic Requirements

- **Minimum Cumulative GPA: Students must have and maintain a GPA of 2.5 in order to be placed and remain on the waitlist.** A 2.5 in high school or for 15 hours (minimum) of college work. **Students with fewer than 15 hours of college credit must have both a 2.5 GPA in high school and a 2.5 GPA in college.**
 - **GED Applicants:** must have 15 hours of (100-level) college credits with a 2.5 GPA
 - **STLCC students with at least 15 college-level credits with a 2.5 GPA** will have met this requirement, regardless of the GPA at other colleges.
 - **College transfer students with fewer than 15 STLCC credits:** must have a cumulative 2.5 GPA in college-level credits earned at all colleges attended.
 - **NOTE:** Developmental courses (numbered below 100) will NOT be counted toward the 15 hours of college work and will NOT be included in the GPA for admission to the program.
- **Pre-Admission Test** - A score of 75% or greater is required. You must present a valid State of Missouri EMT-B license to take the paramedic pre-test (EMT test covering current NREMT guidelines). Please contact the Program Coordinator, Steve Newcomb, at snewcomb@stlcc.edu or 314-644-9672 to take the test.
- **State of Missouri EMT-B License** - current copy of active license.
- **American Heart Association Basic Life Support Provider card** - current copy of active certification.
- **Two Letters of Recommendation** - from an EMS supervisor, medical director, or emergency department physician, emergency department nurse, or an EMT instructor.
- **Documentation of Patient Care Experience** - Verified documentation of either 100 EMS class or 100 hours of patient care experience involving assessment and treatment. Verification should be made on the appropriate letterhead signed by the service provider supervisor and listing the

beginning and ending (or through) dates. Means other than letterhead are at the program coordinator's discretion. This is separate from the letters of recommendation.

- **Interview** - To be scheduled. Please contact the Program Coordinator for dates.
- **When all academic criteria have been met, students must submit a separate Paramedic Technology Program application, signed by an advisor, and returned via email to STLCC-EmergencyMedical@stlcc.edu.** Mailed or faxed applications will **NOT** be accepted. **See an advisor to obtain a Paramedic Technology program application.**

Submission and review of paramedic criteria (7-13) are handled by the department and should be sent to snewcomb@stlcc.edu. A student's application is not considered complete until all paramedic criteria have been met.

NOTE: Admission and degree requirements are subject to change without advance notice.

NOTE: BIO 207 is a degree requirement for the AAS but not the CP of the Paramedic Technology program. All students start in the CP. If you wish to pursue your AAS as well, please be aware that BIO 207 has a prerequisite of either BIO 111, BIO 140, or CHM 101.

Please be aware that hospitals and facilities may mandate that a criminal background check and/or drug screening check (at the student's expense) be conducted prior to placement in a clinical or field setting. Students not passing these checks may be prohibited from participating in the clinical or field experience, thus rendering the student ineligible to satisfactorily meet the course and program requirements.

PLEASE NOTE: If you originally enrolled at STLCC prior to Spring 2026, you may need to view an **archived catalog (<https://catalog.stlcc.edu/archived-catalogs/>)** for your correct program requirements. Please speak with an advisor or the program coordinator for more information.

Pre-Entry Requirements

Code	Title	Credit Hours
EMT 119	Emergency Medical Technician Emergency Medical Skills	1
EMT 121	Emergency Care, Principles, and Techniques	8
EMT 123	Emergency Medical Technician Clinical I	1
Total Credit Hours		10

Full-Time Academic Plan

Code	Title	Hours	Prerequisites	Milestones/Notes
First Year				
Fall				
PAR 233	EMS Foundations	1	Admission to Paramedic Program and Reading Proficiency	
PAR 235	Paramedic Skills I	2	Admission to the Paramedic program and Reading Proficiency	
PAR 236	EMS Pathophysiology	2	Admission to the Paramedic program and Reading Proficiency	

PAR 237	Pulmonology	3	Admission to the Paramedic program and Reading Proficiency
PAR 242	Medical Care	5	Admission to Paramedic program and Reading Proficiency
PAR 221	Paramedic Clinical I	3	Admission to the Paramedic program and Reading Proficiency
	Credit Hours	16	
Spring			
PAR 222	Paramedic Clinical II	3	PAR 221 with a minimum grade of "C" and Reading Proficiency
PAR 238	Cardiology	5	PAR 235, PAR 236, PAR 237, and PAR 242 with minimum grades of "C", or by permission of the program director, and Reading Proficiency
PAR 239	Trauma	3	PAR 235, PAR 236, and PAR 242 with minimum grades of "C" and Reading Proficiency
PAR 240	EMS Operations	2	PAR 235, PAR 236, PAR 237, and PAR 242 with minimum grades of "C" or by permission of the program director and Reading Proficiency
PAR 244	Special Patients	2	Admission to Paramedic program and Reading Proficiency
PAR 245	Paramedic Skills II	2	PAR 235, PAR 236, PAR 237, and PAR 242 with minimum grades of "C", or by permission of the program director, and Reading Proficiency
	Credit Hours	17	
Summer			
PAR 241	EMS Seminar	3	PAR 233, PAR 238, PAR 239, PAR 240, PAR 222, PAR 245, and PAR 244 with minimum grades of "C", and Reading Proficiency
PAR 243	Field Internship	4	Admission to Paramedic program, PAR 233, PAR 235, PAR 236, PAR 237, PAR 238, PAR 239, PAR 240, PAR 242, PAR 244, PAR 221, PAR 222, and PAR 245 with minimum grades of "C", and Reading Proficiency
	Credit Hours	7	
	Total Credit Hours	40	

*Click on the hyperlinked course number to view additional information about the course.

**Students completing a course that has been assigned a MOTR number may transfer that course to any public institution in Missouri. Those who complete CORE 42 requirements will have that verification on their transcript.

*** It is your responsibility to verify that the courses listed above will transfer to the four-year institution of your choice. Maximize your transfer credits/classes by meeting with an academic advisor.