

PARAMEDIC TECHNOLOGY, ASSOCIATE IN APPLIED SCIENCE

Forest Park

Paramedic Technology, Associate of Applied Science 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.

Persons interested in this program should have maturity in dealing with others as well as co-workers. 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 and have good vision and visual color discrimination in examination of patients for determining diagnostic signs requiring immediate treatment.

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.

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).

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

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/> (https://www.google.com/url?q=https://scorecard.mo.gov/scorecard/&sa=D&ust=1555536894857000&usg=AFQjCNG1xf3E_i2lO96zEytILO-s5xaJCQ). 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, most recent cohorts for wage and completion data are six years prior to the current academic year. 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 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.

Missouri Civics Examination. Students entering college for the very first time in fall 2019 and who intend to complete an associate's degree must successfully complete a civics examination. Information on who is eligible for a waiver can be found on our website: <https://stlcc.edu/programs-academics/missouri-civics-exam.aspx>.

Program of Study

Code	Title	Credit Hours
Career General Education		
ENG 101 or ENG 100	College Composition I (MOTR ENGL 100)	3
ENG 102 or ENG 103	College Composition II (MOTR ENGL 200) Report Writing (MOTR ENGL 110)	3
XXX xxx	Social & Behavioral Sciences: Civics Requirement	3
SOC 100 or PSY 200	The Sociology of Human Relations General Psychology (MOTR PSYC 100)	3
BIO 203	General Microbiology I	4
BIO 207	Anatomy and Physiology I (MOTR LIFS 150LAP)	4
BIO 208	Anatomy and Physiology II	4
CHM 101 or CHM 105	Fundamentals of Chemistry I (MOTR CHEM 100L) General Chemistry I (MOTR CHEM 150L)	5
Physical Education Activity		
Select 2 credit hours		2
Program Requirements		
PAR 233	EMS Foundations	1
PAR 234	EMS Pharmacology	3
PAR 235	Paramedic Skills I	2
PAR 221	Paramedic Clinical I	3
PAR 236	EMS Pathophysiology	2
PAR 237	Pulmonology	2
PAR 238	Cardiology	4
PAR 239	Trauma	3
PAR 240	EMS Operations	2
PAR 222	Paramedic Clinical II	3
PAR 242	Medical Care	4

PAR 245	Paramedic Skills II	2
PAR 241	EMS Seminar	3
PAR 243	Field Internship	4
PAR 244	Special Patients	2

Total Credit Hours **71**

complete a civics examination. Information on who is eligible for a waiver can be found on our website: <https://stlcc.edu/programs-academics/missouri-civics-exam.aspx>.

PLEASE NOTE: If you originally enrolled at STLCC prior to Fall 2021, you may need to view an archived catalog (<https://www.stlcc.edu/programs-academics/course-catalog/>) for your correct program requirements. Please speak with an advisor or the program coordinator for more information.

Missouri Civics Examination. Students entering college for the very first time in fall 2019 and who intend to complete an associate's degree must successfully

Code	Title	Hours	Prerequisites	Milestones/Notes
First Year				
Fall				
BIO 207	Anatomy and Physiology I (MOTR LIFS 150LAP)	4	BIO 111 or CHM 101 with grade of "C", or course equivalency, and Reading Proficiency	
SOC 100 or PSY 200	The Sociology of Human Relations or General Psychology (MOTR PSYC 100)	3	Reading Proficiency	
ENG 101 or 100	College Composition I (MOTR ENGL 100) or	3	Placement score or ENG 030 or ENG 070 with a grade of "C" or better or recommendation of department and Reading Proficiency or concurrent enrollment in RDG 079	
Social & Behavioral Sciences: Civics Requirement		3		
Credit Hours		13		
Spring				
ENG 102 or 103	College Composition II (MOTR ENGL 200) or Report Writing (MOTR ENGL 110)	3	ENG 101 with a grade of "C" or better and Reading Proficiency	
CHM 101 or 105	Fundamentals of Chemistry I (MOTR CHEM 100L) or General Chemistry I (MOTR CHEM 150L)	5	MTH 050 with a minimum grade of "C", or placement into MTH 140 or higher on the Math placement test, and Reading Proficiency or concurrent enrollment in RDG 079	
BIO 208	Anatomy and Physiology II	4	BIO 207 with a minimum grade of "C" and Reading Proficiency	
Physical Education Elective		2		One credit must be activity
Credit Hours		14		
Second Year				
Fall				
PAR 233	EMS Foundations	1	Admission to Paramedic Program and Reading Proficiency	
PAR 234	EMS Pharmacology	3	Admission to the Paramedic program and Reading Proficiency	
PAR 235	Paramedic Skills I	2	Admission to the Paramedic program and Reading Proficiency	
PAR 221	Paramedic Clinical I	3	Admission to the Paramedic program and Reading Proficiency	
PAR 236	EMS Pathophysiology	2	Admission to the Paramedic program and Reading Proficiency	
PAR 242	Medical Care	4	Admission to Paramedic program and Reading Proficiency	

PAR 237	Pulmonology	2	Admission to the Paramedic program and Reading Proficiency
	Credit Hours	17	
Spring			
PAR 239	Trauma	3	PAR 234, PAR 235, PAR 236, PAR 242 and Reading Proficiency
PAR 240	EMS Operations	2	PAR 234, PAR 235, PAR 236, PAR 237, PAR 242 or by permission of the program director and Reading Proficiency
PAR 238	Cardiology	4	PAR 234, PAR 235, PAR 236, PAR 237, PAR 242, or by permission of the program director, and Reading Proficiency
PAR 222	Paramedic Clinical II	3	PAR 221 and Reading Proficiency
PAR 245	Paramedic Skills II	2	PAR 234, PAR 235, PAR 236, PAR 237, PAR 242, or by permission of the program director, and Reading Proficiency
PAR 244	Special Patients	2	Admission to Paramedic program and Reading Proficiency
	Credit Hours	16	
Summer			
PAR 241	EMS Seminar	3	PAR 233, PAR 238, PAR 239, PAR 240, PAR 222, PAR 245, PAR 244, and Reading Proficiency
PAR 243	Field Internship	4	Admission to Paramedic program, PAR 233, PAR 234, PAR 235, PAR 236, PAR 237, PAR 238, PAR 239, PAR 240, PAR 242, PAR 244, PAR 221, PAR 222, PAR 245, and Reading Proficiency
BIO 203	General Microbiology I	4	BIO 111 with grade of "C" or better; or one year of high school biology and chemistry (with labs) within previous five years of registration date; or permission of the department chairperson of Biology and Reading Proficiency
	Credit Hours	11	
	Total Credit Hours	71	

*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.