

Pathway: Health Sciences & Wellness



Associate of Applied Science, Emergency Medical Services – Paramedic

The Emergency Medical Services – Paramedic program prepares competent entry-level paramedics for work in various emergency services fields including fire departments, Emergency Medical Service (EMS) agencies, hospitals, and other healthcare areas. The program integrates didactic and internship opportunities, allowing students to immediately be employed after graduation. The Emergency Medical Services 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).

Students must pass a written exam and interview board prior to being accepted into the Paramedic Program. All other LCCC application processes must also be met. Prerequisites for entry to the program are Emergency Medical Technician (EMT) state licensure and or National Registry of Emergency Medical Technicians NREMT certification and employment in the EMS or healthcare field for at least one year, or NREMT certification and employment in the EMS or healthcare field for at least one year. Individuals currently holding EMT licensure may be eligible to have EMT 1500 waived.

The program offers coursework intended to prepare students for immediate employment after completions of coursework and successful and licensure exams. This program has specific admission requirements—see program website for detailed information or meet with a health sciences academic advisor or faculty mentor for specifics.

Contact Information

Contact information is available on the [Emergency Medical Services](#) program website.

Competencies

Upon successful completion of this program, students will be able to:

1. Perform skills as established by the National Highway Traffic Safety Administration, (NHTSA).
2. Document using accepted emergency services practices.
3. Demonstrate competency in decision making in emergency situations.
4. Exhibit professional and ethical behavior in accordance with accepted EMS standards and practices.
5. Apply leadership skills

Map your individual academic plan of courses with your College Advisor.

Students may need to take prerequisite courses before beginning college level math and English courses or moving through a program's course sequence. Check the [Course Descriptions](#) section of the catalog to see the course prerequisites. Students should work with their advising team on determining prerequisite requirements.

Certain courses may only be offered in Fall or Spring semester. Students who are part time or have unique circumstances should work with their Academic Advisors to develop their customized academic plan.

If students choose to transition to another program within the Health Sciences & Wellness pathway, they should be particularly aware of the choice points that indicate when a decision to branch off into another program must be made to ensure credits and time are not lost.

Coursework common to all degrees within this pathway is indicated by the ✓ in the Common Academic Coursework (CAC) column below.

First Semester

Gen Ed	CAC	Course code	Course name	Credits	Milestones and Choice Points
		EMT 1500	Emergency Medical Technician	9	Milestone- Students are eligible to sit for certification and licensure exams upon completion of EMT 1500. Once licensed as an EMT, students should begin obtaining EMT work experience. One year of experience as an EMT is required prior to program application and starting the EMS – Paramedic program.
SS	✓	STRT 1000	Strategies for Success	3	
WC	✓	ENGL 1010	English Composition	3	
			Semester Total	15	

Second Semester

Gen Ed	CAC	Course code	Course name	Credits	Milestones and Choice Points
HSI	√		Choose an approved U.S./ Wyoming Constitution course	3	
QL		Math 1000	Problem Solving	3	
		HLTK 2300	Healthcare Ethics	3	
OC	√	COMM 2010	Public Speaking	3	
		HLTK 1200	Terminology	2	
			Semester Total	14	

Gain 1 year of experience as an EMT prior to beginning the Paramedic Program.

Third Semester

Gen Ed	CAC	Course code	Course name	Credits	Milestones and Choice Points
		EMGT 2500	Paramedic Preparatory	2	The EMS – Paramedic program typically begins during the spring semester. Milestone- Students complete The Difficult Airway Course as part of EMGT 2535.
		EMGT 2515	Paramedic Anatomy and Physiology	3	
		EMGT 2525	Paramedic Pharmacology	2	
		EMGT 2535	Paramedic Airway	2	Milestone- Students receive ACLS certification as part of EMGT 2545.
		EMGT 2545	Paramedic Advanced Cardiac Life Support	4	Milestone- Students complete AMLS certification as part of EMGT 2555.
		EMGT 2555	Paramedic Advanced Medical Life Support	3	Milestone- Students begin clinical rotations in EMGT 2600.
		EMGT 2600	Paramedic Clinical I	1	
			Semester Total	17	

Fourth Semester

Gen Ed	CAC	Course code	Course name	Credits	Milestones and Choice Points
		EMGT 2565	Paramedic Pre-hospital Trauma Life Support	2	Milestone- Students complete PHTLS and TECC certifications as part of EMGT 2565.
		EMGT 2575	Paramedic Special Populations and Operations	3	Milestone- Students complete PALS and NRP certifications as part of EMGT 2675.
		EMGT 2605	Paramedic Clinical II	4	Milestone- Students begin vehicular rotations in EMGT 2620.
		EMGT 2620	Paramedic Vehicular I	3	
			Semester Total	12	

Fifth Semester

Gen Ed	CAC	Course code	Course name	Credits	Milestones and Choice Points
		EMGT 2630	Paramedic Vehicular II	10	Milestone- Completion of AAS degree in Emergency Medical Services – Paramedics.
		EMGT 2700	Paramedic Capstone	3	Milestone- Students are eligible to sit for NREMT exam and obtain state licensure.
			Semester Total	13	

Program credit hour total	71
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Program Comments

Students planning to apply to the Emergency Management Services – Paramedics program should work closely with their Advising Team regarding course sequence options required for completion prior to program application.

The information below is intended to be a guide, and does not guarantee regional job placement, job availability, or a specific wage after completion of the program. The Emergency Medical Services – Paramedic program prepares competent entry-level paramedics for work in various emergency services

fields. EMS/EMT personnel typically work for private ambulance services, fire departments, hospitals or other rescue services.

Additional information on careers in Emergency Medical Services is available through [Career Coach](#).

Transfer Information

LCCC courses may transfer to institutions in addition to those with formal articulation agreements. Students are strongly encouraged to determine the degree requirements and transfer policy of the specific college/university and program to which they plan to transfer.