



PARAMEDICINE, A.A.S. DEGREE

COURSES THAT FULFILL GENERAL EDUCATION REQUIREMENTS (Courses printed in dark text are required)

CONTENT AREA	COURSE NUMBER AND COURSE TITLE	CREDITS
ENGLISH	ENG 1021: ENGLISH COMPOSITION I (REQUIRED)	3
MATHEMATICS	MAT 1140: CARERR MATHEMATICS (REQUIRED)	3
SCIENCE	BIO 2101: ANATOMY & PHYSIOLOGY I WITH LAB (REQUIRED) BIO 2102: ANATOMY & PHYSIOLOGY II WITH LAB (REQUIRED)	8
HEALTH PROFESSION	HPR 1040: COMPREHENSIVE MEDICAL TERMINOLOGY (REQUIRED) (3 CREDITS)	3
GENERAL EDUCATION CREDITS		17

ADDITIONAL REQUIRED COURSES FOR PARAMEDICINE (C-SHIFT SCHEDULE), A.A.S

CONTENT AREA	COURSE NUMBER AND COURSE TITLE	CREDITS
EMERGENCY MEDICAL PROVIDER	EMS 2025: FUNDAMENTALS OF PARAMEDIC PRACTICE (REQUIRED)	3
EMERGENCY MEDICAL PROVIDER	EMS 2026: FUNDAMENTALS OF PARAMEDIC PRACTICE LAB (REQUIRED)	2
EMERGENCY MEDICAL PROVIDER	EMS 2027: PARAMEDIC SPECIAL CONSIDERATION (REQUIRED)	3
EMERGENCY MEDICAL PROVIDER	EMS 2028: PARAMEDIC SPECIAL CONSIDERATION LAB (REQUIRED)	2
EMERGENCY MEDICAL PROVIDER	EMS 2029: PARAMEDIC PHARMACOLOGY (REQUIRED)	3
EMERGENCY MEDICAL PROVIDER	EMS 2030: PARAMEDIC PHARMACOLOGY LAB (REQUIRED)	2
EMERGENCY MEDICAL PROVIDER	EMS 2031: PARAMEDIC CARDIOLOGY (REQUIRED)	5
EMERGENCY MEDICAL PROVIDER	EMS 2032: PARAMEDIC CARDIOLOGY LAB (REQUIRED)	1
EMERGENCY MEDICAL PROVIDER	EMS 2033: PARAMEDIC MEDICAL EMERGENCIES (REQUIRED)	4
EMERGENCY MEDICAL PROVIDER	EMS 2034: PARAMEDIC MEDICAL EMERGENCIES LAB (REQUIRED)	1
EMERGENCY MEDICAL PROVIDER	EMS 2035: PARAMEDIC TRAUMA EMERGENCIES (REQUIRED)	4
EMERGENCY MEDICAL PROVIDER	EMS 2036: PARAMEDIC TRAUMA EMERGENCIES LAB (REQUIRED)	1
EMERGENCY MEDICAL PROVIDER	EMS 2037: PARAMEDIC INTERNSHIP PREPARATORY (REQUIRED)	2
EMERGENCY MEDICAL PROVIDER	EMS 2080: PARAMEDIC INTERSHIP I (REQUIRED)	6
EMERGENCY MEDICAL PROVIDER	EMS 2081: PARAMEDIC INTERSHIP II (REQUIRED)	6
ADDITIONAL PROGRAM CREDITS		45
TOTAL CREDIT HOURS		62

NOTES

- Degree Policies and Procedures are in the Catalog online at www.CCAurora.edu.
- The Public Service program is designed for working professionals and other students whose objectives are to obtain an A.A.S. degree or certificate in pursuit of upgrading employment in the area of Fire Fighter Service or Emergency Medical Provider Services. Students intending to transfer to a Baccalaureate program should consult the Public Service programs department for advising.
- The Emergency Medical Services (EMS) program is designed for students seeking careers in emergency medicine. This program provides students with the knowledge and skills required to function within the Emergency Medical Services system. Courses progress from the EMT to the Paramedic level. All programs meet or exceed the Colorado Department of Public Health and Environment requirements for certification eligibility.
- A certificate of completion for the EMS/Paramedicine and Fire Science Technology programs requires only the completion of the core EMS and/or FST coursework under each respective degree.
- Entry to the EMS/Paramedicine program requires successful completion of an EMT program and current Colorado EMT certification with IV endorsement; successful completion of BIO 1006; A 1000 level English and Math class with a grade of "C" or higher, or complete the college assessment test with a minimum placement of MAT 0250 and CCR 0092; and permission of the department.
- Go to www.CCAurora.edu/programs-classes/departments/ems for further information, Essential Information Required, and application procedures.
- You must apply for graduation mid-semester prior to your final term. See Semester of Classes for the exact deadline date.
- Department Contact: Beth Lattone, (303) 340-7075; Cindy Smith, (303) 340-7070



PARAMEDICINE, A.A.S.

Recommended order of courses¹

C-SHIFT SCHEDULE

(The department recommends taking the courses in this order to complete the degree.)

SEMESTER 1	CREDITS
EMS 2025: Fundamentals of Paramedic Practice (REQUIRED)	3
EMS 2026: Fundamentals of Paramedic Practice Lab (REQUIRED)	2
EMS 2029: Paramedic Pharmacology (REQUIRED)	3
EMS 2033: Paramedic Medical Emergencies (REQUIRED)	4
EMS 2035: Paramedic Trauma Emergencies (REQUIRED)	4
SEMESTER CREDITS	16
SEMESTER 2	CREDITS
EMS 2027: Paramedic Special Considerations (REQUIRED)	3
EMS 2028: Paramedic Special Considerations Lab (REQUIRED)	2
EMS 2030: Paramedic Pharmacology Lab (REQUIRED)	2
EMS 2031: Paramedic Cardiology (REQUIRED)	5
EMS 2032: Paramedic Cardiology Lab (REQUIRED)	1
EMS 2034: Paramedic Medical Emergencies Lab (REQUIRED)	1
EMS 2036: Paramedic Trauma Emergencies Lab (REQUIRED)	1
SEMESTER CREDITS	15
PLEASE NOTE:	
<ul style="list-style-type: none"> Total credits required for the Paramedic Certificate = 45 credits. A certificate of completion for the EMS/Paramedicine program requires successful completion of an EMT program and current Colorado EMT certification; successful completion of BIO 1006; a 100-level English and Math class with a grade of "C" or higher, or complete the college assessment test with a minimum placement of MAT 0250 and CCR 0092; and permission of the department. Students whose objectives are to obtain an A.A.S. degree in Paramedicine will need to complete the courses under General Education Requirements (see other side). Please consult with the Public Service programs department for advising. The Community College of Aurora EMS 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). 	
SEMESTER 3	CREDITS
EMS 2037: Paramedic Internship Preparatory (REQUIRED)	2
EMS 2080: Paramedic Internship I (REQUIRED)	6
BIO 2101: Anatomy & Physiology I with Lab (REQUIRED)	4
HPR 1040 Comprehensive Medical Terminology (REQUIRED)	3
EMS 2081: Paramedic Internship II (with instructor permission; dependent upon student & hours accumulated) (REQUIRED)	6
SEMESTER CREDITS	21
SEMESTER 4	CREDITS
BIO 2102 - Anatomy & Physiology II with Lab (REQUIRED)	4
MAT 1140 - Career Mathematics (See pathway advisor)	3
ENG 1021: English Composition I (See pathway advisor)	3
SEMESTER CREDITS	10

¹ Placement into courses is dependent on test scores or credit for prior learning. See a Pathways Advisor for details. Plans that include ESL, CCR, and AAA courses will increase the total number of hours to completion.



PARAMEDICINE, A.A.S.

Recommended order of courses¹

T-R-S SCHEDULE

(The department recommends taking the courses in this order to complete the degree.)

SEMESTER 1	CREDITS
EMS 2025: Fundamentals of Paramedic Practice (REQUIRED)	3
EMS 2026: Fundamentals of Paramedic Practice Lab (REQUIRED)	2
EMS 2029: Paramedic Pharmacology (REQUIRED)	3
EMS 2033: Paramedic Medical Emergencies (REQUIRED)	4
EMS 2035: Paramedic Trauma Emergencies (REQUIRED)	4
SEMESTER CREDITS	16
SEMESTER 2	CREDITS
EMS 2027: Paramedic Special Considerations (REQUIRED)	3
EMS 2028: Paramedic Special Considerations Lab (REQUIRED)	2
EMS 2030: Paramedic Pharmacology Lab (REQUIRED)	2
EMS 2031: Paramedic Cardiology (REQUIRED)	5
EMS 2032: Paramedic Cardiology Lab (REQUIRED)	1
EMS 2034: Paramedic Medical Emergencies Lab (REQUIRED)	1
EMS 2036: Paramedic Trauma Emergencies Lab (REQUIRED)	1
EMS 2037: Paramedic Internship Preparatory (REQUIRED)	2
SEMESTER CREDITS	17
PLEASE NOTE:	
<ul style="list-style-type: none"> Total credits required for the Paramedic Certificate = 45 credits. A certificate of completion for the EMS/Paramedicine program requires successful completion of an EMT program and current Colorado EMT certification; successful completion of BIO 1006; a 1000 level English and Math class with a grade of "C" or higher, or complete the college assessment test with a minimum placement of MAT 0250 and CCR 0092; and permission of the department. Students whose objectives are to obtain an A.A.S. degree in Paramedicine will need to complete the courses under General Education Requirements (see other side). Please consult with the Public Service programs department for advising. The Community College of Aurora EMS 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). 	
SEMESTER 3	CREDITS
EMS 2080: Paramedic Internship I (REQUIRED)	6
EMS 2081: Paramedic Internship II (with instructor permission; dependent upon student & hours accumulated) (REQUIRED)	6
BIO 2101: Anatomy & Physiology I with Lab (REQUIRED)	4
HPR 1040 Comprehensive Medical Terminology (REQUIRED)	3
SEMESTER CREDITS	14-21
SEMESTER 4	CREDITS
EMS 2081 – Paramedic Internship II (provided you were not enrolled in Semester 3) (REQUIRED)	6
BIO 2102 - Anatomy & Physiology II with Lab (REQUIRED)	4
MAT 1140 - Career Mathematics (See pathway advisor)	3
ENG 1021: English Composition I (See pathway advisor)	3
SEMESTER CREDITS	10-16

¹ Placement into courses is dependent on test scores or credit for prior learning. See a Pathways Advisor for details. Plans that include ESL, CCR, and AAA courses will increase the total number of hours to completion.