

# Health Sciences

## Associate of Applied Science— Emergency Medical Services, Paramedic Emphasis

### Mission

To provide an accessible, student-centered, post-secondary paramedic education that prepares graduates for paramedic practice and ensures that patients within our communities receive a higher level of EMS care by paramedics trained with the highest standards.

### Goal

Paramedic: “To prepare competent entry-level paramedics in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains with or without exit points at the advanced emergency medical technician and/or emergency medical technician, and/or emergency medical responder levels.”

Advanced Emergency Medical Technician: “To prepare competent entry-level advanced emergency medical technician in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains.”

### Student Learning Outcomes

Upon completion of the AAS Paramedic program, the graduate will have accomplished the following six program student learning outcomes:

- Demonstrate integration of cognitive knowledge, skills proficiency, and critical thinking skills as an entry level nationally registered paramedic.
- Apply therapeutic and professional communication skills when working with patients’, patients significant others, colleagues, other health care providers, and members of the community.
- Incorporate the professional attributes of integrity, empathy, self-motivation, self-confidence, communication, teamwork and diplomacy, respect, patient advocacy, and safe delivery of care into practice.
- Recognize the importance of research and scientific inquiry to promote continuous, quality improvement in prehospital health care delivery.
- Recognize and acknowledge that the emerging roles and responsibilities of the paramedic include public education, health promotion, and participation in injury and illness prevention programs.
- Assume the role of leadership as an advanced life support provider and role model for other EMS providers.

Student achievement of the program learning outcomes is demonstrated through competencies that are comprised of the cognitive, affective, and psychomotor domains of learning. Students must be successful in each domain to complete the course. Competency statements at both the program and course level are used to evaluate students’ achievement of course and program student learning outcomes.

### Accreditation

This degree is approved by the State of Nevada. GBC is accredited by the Northwest Commission on Colleges and Universities.

The Great Basin College paramedic program is accredited by the Commission on Accreditation of Allied Health Education Programs ([www.caahep.org](http://www.caahep.org)) upon the recommendation of the Committee on Accreditation of Educational Programs for the Emergency Medical Services Professions (CoAEMSP).

Commission on Accreditation of Allied Health Education Programs  
25400 US Highway 19 N.  
Suite 158  
Clearwater, FL 33763  
727-210-2350  
[www.caahep.org](http://www.caahep.org)

To contact CoAEMSP:  
8301 Lakeview Parkway  
Suite 111-312  
Rowlett, TX 75088  
214-703-8445  
FAX 214-703-8992  
[www.coaernsp.org](http://www.coaernsp.org)

Great Basin College offers a eighteen-month program leading to an Associate of Applied Science in Emergency Medical Services—Paramedic. GBC is accredited by the Northwest Commission on Colleges and Universities (NWCCU).

The paramedic student receives anatomy and physiology, pharmacology and medication administration instruction, as well as training in advanced medical skills. Extensive related course work and clinical and field experience is required. Paramedic education prepares the graduate to take the National Registry of Emergency Medical Technician (NREMT) examination and become certified as a nationally registered paramedic (NRP).

Enrollment in the program is limited, and students are only admitted in the fall semester. Selection is made using a point system. Points are awarded for general education courses. Additional points will be awarded for veteran applicants and students in the CTE pathway program. General education courses are not required for admittance into the program, but students with completed courses will have a higher point range for admittance. Students

must have a passing grade of C or higher, in all courses, to receive additional points. Specific paramedic courses that are part of the program may not be taken prior to admission.

Students who do not have an ACT or SAT score and who have not started English and mathematics requirements, must complete the English and mathematics placement tests. There is no charge for these tests, and they must be taken prior to enrolling in prerequisite courses.

The placement tests are available at the Academic Success Center in Elko and at any GBC center. For more information and testing times, call 775.327.2247.

### **Year of admission to the Associate of Applied Science in Emergency Medical Services—Paramedic program determines catalog year and course requirements.**

Prerequisites to be completed prior to or during the semester in which application is made to the Associate of Applied Science in Emergency Medical Services—Paramedic program include:

- AEMT certification
- Complete a current AHA Healthcare Providers CPR

Questions about the AAS in Emergency Medical Services—Paramedic program or the application process can be directed to the department of Health Science and Human Services at 775.327.2317.

### **Admission to the Associate of Applied Science in Emergency Medical Services—Paramedic**

Special application and admission requirements exist for EMS. Prospective students should:

- Apply for admission by completing the application for admission packet available online. Applications are available in February and must be submitted by June 6 at 5 p.m. for the fall semester.

#### **Return completed forms to:**

Health Science and Human Services Department  
Great Basin College  
1500 College Parkway  
Elko, NV 89801

College courses taken at another institution will be evaluated by the admissions and records office for transfer and acceptance. All courses must have been completed at a regionally accredited institution of higher education. All previous coursework must be submitted from the institution where it was completed as an official transcript. Transcript copies are not accepted. Upon successful completion of the program, graduates will have earned an Associate of Applied Science in Emergency Medical Services—Paramedic and are eligible to take the National Registry of Emergency Medical Technician (NREMT) examination and become certified as a paramedic.

Graduation from this program is only one of the requirements and does not mean automatic licensure as a paramedic. The NREMT may deny an applicant eligibility to sit for a certification examination, deny certification, suspend or revoke an individual's certification, or take other appropriate action with respect to the applicant's certification or recertification based on that applicant's criminal conviction. This policy applies to, and requires an applicant's disclosure of, all felony convictions and all other criminal convictions (whether felony or misdemeanor) relating to crimes involving physical assault, use of a dangerous weapon, sexual abuse or assault, abuse of children, the elderly or infirm, and crimes against property, including robbery, burglary, and felony theft. The policy does not apply to convictions for misdemeanor (other than the above-listed types of crimes), traffic violations (except DUI or reckless homicide/manslaughter), theft or unlawful possession of a controlled substance.

### **AAS in Emergency Medical Services—Paramedic Program Requirements**

Students must provide evidence of a satisfactory physical examination within the preceding six months, validating the following psychomotor requirements:

1. Assess clients through auscultation, percussion, palpation, and other diagnostic maneuvers.
2. Manipulate equipment necessary to assist the individual, family, and/or group to desired outcomes.
3. Lift and move individuals and/or groups of individuals to provide safe care and emergency treatment.
4. Perform cardiopulmonary resuscitation.
5. Perform independently of others.
6. Possess cognitive abilities of measure, calculate dosages, reason, analyze, and synthesize.

### **Additional Fees**

Paramedic students will follow the fee schedule and refund policy described in this catalog. In addition to tuition and lab fees, there are other costs specific to the Associate of Applied Science in Emergency Medical Services—Paramedic program. These are subject to change. An approximation of the additional expenses include:

Textbooks .....	(Per Semester) \$1,500.00
Student Background Check and Drug Screening (required for clinical rotation) - minimum Estimated) .....	
.....	\$110.00
Immunizations (Estimated).....	\$300.00
Testing fee (NREMT) Computer Test (Estimated) ...	\$152.00
Testing fee: Psychomotor Skills Exam (Estimated)..	\$300.00
Physical examination .....	Individual amount
Health Insurance .....	Individual amount
Travel to clinical facilities .....	Individual amount

### **Requirements for Application**

- GPA of 2.0 or higher on any previous college

coursework.

- Minimum grade of C in any courses applied to the AAS in Emergency Medical Services—Paramedic.
- Completed applications for both GBC and the paramedic program must be received by admissions and records no later than 5 p.m. on June 6.
- Copy of current AEMT (NREMT for Nevada) status
- Copy of AHA Healthcare Provider’s CPR certification
- Current immunizations information

**AAS in Emergency Medical Services—Paramedic Program Course Requirements**

In order to maintain good standing in the AAS in Emergency Medical Services—Paramedic program, a student must:

- Maintain a minimum of C (e.g., 76% or better) in all paramedic courses,
- Comply with requirements set forth in the Associate in Emergency Medical Services—Paramedic handbook,
- Attain a minimum grade of C or higher in any non-EMS course applied to the Associate in Emergency Medical Services—Paramedic.

**General Education Requirements**

The AAS in Emergency Medical Services—Paramedic program has slightly different general education requirements than the other GBC AAS degrees. Please note the differences:

PHIL 102 is strongly recommended to fulfill the humanities requirement or any fine arts or humanities course as listed in the general education requirements.

General Education Requirements	Credits
English/Communications.....	6
ENG 100, 101 or 107 and ENG 102 or 108	
Mathematics .....	3
MATH 116, 116E, 120, 120E, 126, 126E or higher**, includes STAT 152	
Science .....	3
Social Science—PSC 101 (recommended).....	3
Human Relations — HMS 200 or PSY 208 (required) .....	3
Humanities or Fine Arts* .....	3
PHIL 102 (recommended)	
Technology (embedded in EMS Core)	

Program Emphasis Requirements	Credits
EMS 200 Fundamentals of Paramedic Medicine ...	3
EMS 204 Principles of Anatomy & Pathophysiology .....	4
EMS 206 Principles of Pharmacology Medication & Venous Access for the Paramedic .....	3
EMS 207 Airway Management and Ventilation .....	2
EMS 209 Patient Assessment for Paramedics.....	2
EMS 210 Principles of Cardiology for Paramedics .....	3

EMS 211	Paramedic Care for Medical Emergencies .....	3
EMS 212	Paramedic Trauma Emergencies .....	3
EMS 214	Pediatrics & Special Considerations for the Paramedic & PALS .....	3
EMS 215	Assessment Based Management and Operations for the Paramedic .....	3
EMS 216	Hospital Clinical Experience for the Paramedic.....	6
EMS 219	Paramedic Field Internship.....	8

**SUGGESTED COURSE SEQUENCE  
(Refer to page 90)  
AAS—Emergency Medical Services—  
Paramedic**

FALL—1st Semester	Credits
EMS 204	4
EMS 200	3
EMS 206	3
EMS 207	2
EMS 209	2
ENG 100, 101 or 107	3
MATH 116, 116E, 120, 120E, 126, 126E or higher	3

**TOTAL 20**

SPRING—2nd Semester	Credits
ENG 102 or 108	3
EMS 210	3
EMS 211	3
EMS 212	3
EMS 214	3
EMS 216	6
<b>TOTAL</b>	<b>21</b>

SUMMER	Credits
EMS 215	3
EMS 219	8
<b>TOTAL</b>	<b>11</b>

FALL—3rd Semester	Credits
HMS 200 or PSY 208	3
Science**	3
PSC 101	3
Fine Arts or Humanities*	3
<b>TOTAL</b>	<b>12</b>

**Minimum Credits: 64**

**\*Select from page 84**

**\*\*Choose with an advisor**

## National Registered Paramedic Pathway

The Associate of Applied Science EMS—Paramedic pathway for nationally registered paramedics provides an alternative route for students who are already paramedics to obtain their AAS in EMS—Paramedic degree. Once admitted to the program and after the completion of the paramedic refresher course (EMS 220), those who are currently valid nationally registered paramedics may be awarded 26 credits through credit by examination. This reflects the cognitive examination and psychomotor section of the NREMT Paramedic Examination. A non refundable fee of \$25.00 will be charged for this request and is to be paid to the controller's office.

The current paramedic program is 43 credits of program requirements with 21 general education credits. The student who completes the exam by credit will receive 26 credits by examination matched to the following courses in the paramedic program:

			<b>Credits</b>
EMS	204	Principles of Anatomy & Pathophysiology .	4
EMS	206	Principles of Pharmacology/Medication and Venous Access for the Paramedic .....	3
EMS	207	Airway Management and Ventilation .....	2
EMS	209	Patient Assessment for Paramedics .....	2
EMS	210	Principles of Cardiology for Paramedics .....	3
EMS	211	Paramedic Care for Medical Emergencies..	3
EMS	212	Paramedic Trauma Emergencies .....	3
EMS	214	Pediatric & Special Considerations for the Paramedic & PALS.....	3
EMS	215	Assessment Based Management Operations .....	3
<b>Total .....</b>			<b>26</b>

Upon completion of the credit by examination, a waiver will also be granted for the EMS 200, EMS 216 and EMS 219 paramedic course requirements (17 credits). To meet the 60-credit AAS degree requirement, the student must take an additional 9 credits in lieu of the waived credits. Meet with the program advisor to select these credits.

### Required Courses Outside of the Credit by Examination:

<b>General Education Requirements</b>	<b>Credits</b>
English/Communications .....	6
ENG 100 or 101, or 107 and ENG 102 or 108	
Mathematics.....	3
MATH 116, 116E, 20, 120E, 126, 126E or higher, includes STAT 152	
Science .....	3
Social Science (U.S. and NV Constitution).....	3
PSC 101 (preferred)	

Human Relations—PSY 208 (required).....	3
Humanities or Fine Arts.....	3
PHIL 102 (recommended)	

Must have a minimum total of 60 credits completed.

### Application Process

To be considered eligible for admission into Great Basin College's AAS EMS—Paramedic pathway, applicants must show evidence of current national registry status as a paramedic. State-certified paramedics are not eligible for this degree offering. Prior to submitting an application for this AAS EMS—Paramedic program, it is strongly recommended that all students schedule an advisement meeting with a Paramedic advisor. To arrange an appointment, email [anjuli.wheatley@gbcnv.edu](mailto:anjuli.wheatley@gbcnv.edu).