

Health Science, AAS

Academic Year 2024-2025

Program Description:

The Health Science A.A.S. program is a unique opportunity for students holding a national certification in a professional field to build on that experience and earn an associate's degree. The associate degree often allows students greater flexibility in their chosen field of study and opportunities for advancement in their jobs. Health Science A.A.S. graduates have a wide range of career options within the health science industries. Graduates work in professional, scientific, or technical services firms. Health Science graduates also work in education services, federal, state, and local governments, or pharmaceutical and medicine manufacturing.

The A.A.S. Health Science Degree includes a minimum of 21 general education credits, at least 9 allied health and/or life science credits and a maximum of 30 credit hours earned through national certification. The credits earned through national certification can be from a variety of careers, including but not limited to, medical records, phlebotomy, patient care technician, certified nurse assistant, massage therapy, cardiovascular technician, EKG technician, DOT drug testing, and many more.

Career Outlook and Salary Forecast:

For the most current information please refer to the Bureau of Labor Statistics "Occupational Outlook Handbook" found at www.bls.gov/ooh/.

Program Outcomes:

- Demonstrate leadership with technical proficiency and graduates demonstrate use of principles of management and leadership evidence in: management of fiscal, physical and human resources
- Apply critical thinking and problem solving to the provision of health care services evidenced by successful completion of internships or clinical practicums
- Incorporate the principles of communication, advocacy, and health care education into practice
- Utilize the current allied health certification in professional fields for further advancement
- Exhibit commitment to individual growth as a lifelong learner evidenced by:
 - Continuing formal education, informal education
 - Reading professional reference journals
 - Participating in shaping the healthcare delivery system
 - Demonstrate collaboration with other healthcare providers to promote the full human potential

Admission Requirements:

1. Mountwest Community and Technical College is an open enrollment institution. Please contact Student Services (304) 710-3361 for specific admission requirements.
2. Applicants must complete all general education and prerequisite courses with a "C" or better, and must have a cumulative GPA of 2.0 or higher.
3. Prior to admission to the Health Science Program and/or clinical internships, students may be required to document that they have successfully passed a criminal background check and drug screen.

National Areas of Emphasis Include, but are not limited to:

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| • EMT | • Radiology Technology |
| • Clinical Laboratory (MLT, HT, Phleb) | • Respiratory Therapy |
| • EKG Tech | • Surgical Technology |
| • Massage Therapy | • Ophthalmic Technician |
| • Nursing (CAN, LPN, PCT, PCS) | • Ultrasound |
| • Pharmacy Technician | • Veterinary Technician |

Contact Information:

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Mountwest empowers students to learn and lead in the community and in the workforce.

Health Science—Major Code CH 70

Name:	ID Number 942-
Educational Counselor:	
Faculty Advisor:	

COURSE	REQUIREMENTS	SEM	HRS	GR	SUBSTITUTE/REPEAT CRS	SEM	CR
BIOL 257	Intro to Anatomy and Physiology ¹		3				
IT 101	Fundamentals of Computers		3				
COM 112	Oral Communication		3				
ENL 101	Written Communication ²		3				
MAT 120	Applied Professional Math ⁸		3				
	General Education Elective		3				
	Humanities or Social Science Elective		3				
			21				
	Please choose a minimum of 9 hours from the following:						
AH 151	Medical Terminology (EDGE)		3				
AH 205	Principles of Disease ³		3				
AH 207	Infection Control for Health Professionals ⁴		3				
AH 216	Basic Pharmacology ⁵		3				
AH 217	Personal Fitness Training		4				
AH 220	Basic Nutrition		3				
EME 105	First on Scene		3				
			22				
	Nationally Certified Credentialed Area of Emphasis ^{6,7}		15-30				
	HOURS REQUIRED FOR GRADUATION:60						

1. BIOL 257 or suitable substitute.
2. ENL 101 has a prerequisite of placement in 100-level English or a co-requisite of ENL 095. Student must earn a "C" or better in ENL 101 to graduate.
3. AH 205 has a prerequisite of BIOL 257 or BIOL 260.
4. AH 207 has a prerequisite of AH 151.
5. AH 216 has a prerequisite of AH 151.
6. Equivalency hours based on the WV Board of Governor's Credit Equivalency Guidelines: "Summary of credit awards for certified credentials," or credit recommendation from the American Council for Education.
7. Students must complete a minimum of 60 hours including the nationally certified credential.
8. MAT 120 has a prerequisite of placement in 100-level Math or minimum ACT Math score of 19 or SAT Math score of 510.