



## Public Service Endorsement Health Science

### Health Science

The Healthcare Diagnostics program of study introduces students to occupations and education opportunities related to performing complex medical laboratory tests for the diagnosis, treatment, and prevention of disease. This program of study may also include exploration into the opportunities associated with blood laboratories as well as radiologic technology and ultrasound technology.

Levels	Courses	
Level 1	Principles of Health Science 9	
Level 2	Medical Terminology 10	
Level 3	Health Science Theory 11 <i>Prerequisite: Biology</i>	
Level 4	Practicum in Health Science 12  <b>+Certified Patient Care Technician</b> <i>Prerequisite: Health Science Theory &amp; Biology</i>	Emergency Medical Technician (Dual Credit-Hill College) 12  <b>+Emergency Medical Technician-Basic</b>

Occupation	Median Wage	Annual Openings	% Growth
Medical Assistants	\$29,598	8,862	30%
Surgical Tech	\$45,032	1,150	20%
Dental Hygienist	\$73,507	1,353	38%
Physicians and Surgeons	\$213,071	1,151	30%
Dental Assistants	\$34,840	4,422	31%
Emergency Medical Technicians	\$34,091	1,880	31%

### Industry Based Certifications

#### **+Certified Patient Care Technician**

A patient care technician provides care for patients such as bathing, eating, dressing & walking. They work closely with nurses & other medical staff and are often the ones with the most contact with patients.

#### **+Emergency Medical Technician-Basic**

This certification exam measures important competencies as part of a comprehensive EMS response system. The exam covers the entire spectrum of EMS care including: airway, respiratory & ventilation, cardiology & resuscitation, trauma, etc.

**To earn a CTE endorsement, students must take a minimum of 3 classes for 4 or more credits in the same Program of Study, and must end with one Level 3 or Level 4 CTE course.**