Emergency Medical Technician

(Diagnostic and Therapeutic Services)

PUBLIC SERVICE ENDORSEMENT

CWHS

2024-25

Grade	CTE Required Courses	Language Arts	Math	Science	Social Studies	Required State Electives
9th	Principles of Health Science (1)	English I	Algebra I	Biology		Fine Arts (1) Health (.5) Languages Other Than English (LOTE) or Computer Science PE (1 or substitute credit)
10th	Health Science Theory (1)	English II	Geometry	IPG, Chemistry	World Geography or World History	
11th	Practicum in Health Science – Emergency Care Assistant (2)	English III	Algebra II	Chemistry or Physics	U.S. History	
12th	Practicum in Health Science II – EMT Basic/ Extended Practicum in Health Science (3)	English IV	Advanced Quantitative Reasoning or Advanced 4th-year Math	Forensic Science (1) Environmental Systems, or Aquatic Science	Government/ Economics	

High School/ Industry Certifications/Performance Acknowledgements	
State Approved	***District Approved***
Emergency Medical Responder, Emergency Medical Technician - Basic	OSHA 10 General, Six Sigma, Teen CERT, Texas Friendly Ambassador Program
Career & Technical Student Organizations: HOSA, Skills USA	

Certificate/ License*	Associate's Degree	Bachelor's Degree
Emergency Medical Technician - Basic	Emergency Medical Technology/ Technician (EMT Paramedic)	Emergency Medical Technology/ Technician (EMT Paramedic)
Fire Protection Personnel/ Firefighter	Fire Prevention and Safety Technology/ Technician	Natural Resources Law Enforcement and Protective Services
Fire Protection System Contractor	Fire Science/ Firefighting	Health Education
Fire Inspector		

Occupations	Median Wage	Annual Openings	% Growth
Firefighters	$50,149	2,309	13%
Fire Inspectors and Investigators	$54,787	161	14%
Emergency Medical Technicians	$34,091	1,880	31%

The Health Science Career Cluster focuses on planning, managing, and providing therapeutic services, diagnostics services, health informatics, support services, and biotechnology research and development. To pursue a career in the health science industry, students should learn to reason, think critically, make decisions, solve problems, communicate effectively, and work well with others.