

# Standards Correlations

## Emergency Medical Responder (8336)

Task	SOL Correlations	Other Correlations
<b>Demonstrating Personal Qualities and Abilities</b>		
Demonstrate creativity and innovation.	English: 6.1, 6.3, 6.4, 6.6, 6.7, 6.9, 7.1, 7.3, 7.4, 7.6, 7.7, 7.9, 8.1, 8.3, 8.4, 8.6, 8.7, 8.9, 9.1, 9.5, 9.6, 9.8, 10.1, 10.5, 10.6, 10.8, 11.1, 11.5, 11.6, 11.8, 12.1, 12.5, 12.6, 12.8 History and Social Science: CE.1, CE.4, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WG.4, WHI.1, WHII.1 Mathematics: 6.1, 6.2, 6.3, 6.4, 6.5, 6.6, 6.7, 6.10, 6.11, 6.12, 7.2, 7.3, 7.8, 7.9, 8.2, 8.4, 8.6, 8.7, 8.11, 8.12, 8.17, 8.18, A.9, AFDA.3, AFDA.4, AFDA.5, AFDA.6, AFDA.7, AFDA.8, AII.9, COM.1, COM.3, COM.4, COM.5, COM.8, DM.7, DM.1*, DM.10, DM.2*, DM.3*, PS.3*, PS.4*, PS.7*, PS.9*, PS.10* Science: 6.1, BIO.1, CH.1, ES.1, LS.1, PS.1	
Demonstrate critical thinking and problem solving.	English: 6.1, 6.3, 6.4, 6.5, 6.6, 6.7, 6.9, 7.1, 7.3, 7.4, 7.5, 7.6, 7.7, 7.9, 8.1, 8.3, 8.4, 8.5, 8.6, 8.7, 8.9, 9.1, 9.5, 9.6, 9.8, 10.1, 10.5, 10.6, 10.8, 11.1, 11.5, 11.6, 11.8, 12.1, 12.5, 12.6, 12.8 History and Social Science: CE.1, CE.4, CE.11, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WG.4, WHI.1, WHII.1 Mathematics: 6.1, 6.2, 6.3, 6.4, 6.5, 6.6, 6.10, 6.11, 7.2, 7.3, 7.8, 7.12, 7.13, 8.2, 8.4, 8.8, 8.9, 8.10, 8.11, A.8, A.9, G.1, G.13, G.14, AFDA.3, AFDA.5, AFDA.8, AII.9, AII.10, AII.11, COM.1, COM.3, COM.4, COM.5,	

Task	SOL Correlations	Other Correlations
	COM.8, DM.4, DM.7, DM.1*, DM.2*, DM.3*, DM.9*, PS.9*, PS.10* Science: 6.1, BIO.1, CH.1, ES.1, LS.1, PS.1	
Demonstrate initiative and self-direction.	English: 6.1, 6.4, 6.6, 6.7, 6.9, 7.1, 7.4, 7.6, 7.7, 7.9, 8.1, 8.4, 8.6, 8.7, 8.9, 9.1, 9.5, 9.6, 9.8, 10.1, 10.5, 10.6, 10.8, 11.1, 11.5, 11.6, 11.8, 12.1, 12.5, 12.6, 12.8 History and Social Science: CE.1, CE.4, CE.11, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1	
Demonstrate integrity.	English: 6.1, 7.1, 8.1, 9.1, 9.5, 10.1, 10.5, 11.1, 11.5, 12.1, 12.5 History and Social Science: CE.1, CE.3, CE.4, GOVT.1, GOVT.16, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1	
Demonstrate work ethic.	English: 6.1, 7.1, 8.1, 9.1, 10.1, 11.1, 12.1 History and Social Science: CE.1, CE.4, CE.14, GOVT.1, GOVT.16, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1 Science: CH.1	
<b>Demonstrating Interpersonal Skills</b>		
Demonstrate conflict-resolution skills.	English: 6.1, 6.2, 6.4, 6.6, 6.7, 6.9, 7.1, 7.2, 7.4, 7.6, 7.7, 7.9, 8.1, 8.2, 8.4, 8.6, 8.7, 8.9, 9.1, 10.1, 11.1, 12.1 History and Social Science: CE.1, CE.4, GOVT.1, USI.1, VUS.1	
Demonstrate listening and speaking skills.	English: 6.1, 6.2, 6.4, 6.6, 7.1, 7.2, 7.4, 7.6, 8.1, 8.2, 8.4, 8.6, 9.1, 10.1, 11.1, 12.1 History and Social Science: CE.1, CE.4, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1	
Demonstrate respect for diversity.	English: 6.1, 7.1, 8.1, 9.1, 10.1, 11.1, 12.1 History and Social Science: CE.1, CE.3, CE.4, GOVT.1, GOVT.16, USI.1, USII.1, USII.9, VUS.1, VUS.13, WG.1, WHI.1, WHII.1	

<b>Task</b>	<b>SOL Correlations</b>	<b>Other Correlations</b>
Demonstrate customer service skills.	English: 6.1, 6.4, 6.7, 7.1, 7.4, 7.7, 8.1, 8.4, 8.7, 9.1, 9.5, 9.6, 10.1, 10.5, 10.6, 11.1, 11.5, 11.6, 12.1, 12.5, 12.6 History and Social Science: CE.1, CE.4, GOVT.1, GOVT.16, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1	
Collaborate with team members	English: 6.1, 7.1, 8.1, 9.1, 10.1, 11.1, 12.1 History and Social Science: CE.1, CE.3, CE.4, GOVT.1, GOVT.16, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1	
<b>Demonstrating Professional Competencies</b>		
Demonstrate big-picture thinking.	English: 6.1, 6.4, 7.1, 7.4, 8.1, 8.4, 9.1, 9.5, 10.1, 10.5, 11.1, 11.5, 12.1, 12.5 History and Social Science: CE.1, CE.4, CE.12, GOVT.1, GOVT.15, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1	
Demonstrate career- and life-management skills.	English: 6.1, 6.7, 7.1, 7.7, 8.1, 8.7, 9.1, 9.6, 10.1, 10.6, 11.1, 11.6, 12.1, 12.6 History and Social Science: CE.1, CE.4, CE.12, CE.14, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1 Mathematics: 8.4	
Demonstrate continuous learning and adaptability.	English: 6.1, 6.4, 6.7, 6.9, 7.1, 7.4, 7.7, 7.9, 8.1, 8.4, 8.7, 8.9, 9.1, 9.5, 9.6, 9.8, 10.1, 10.5, 10.6, 10.8, 11.1, 11.5, 11.6, 11.8, 12.1, 12.5, 12.6, 12.8 History and Social Science: CE.1, CE.3, CE.4, CE.14, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1 Science: BIO.1, CH.1, LS.1, PH.1, PH.4, PS.1	
Manage time and resources.	English: 6.1, 6.2, 6.4, 6.7, 6.9, 7.1, 7.2, 7.4, 7.7, 7.9, 8.1, 8.2, 8.4, 8.7, 8.9, 9.1, 9.5, 9.6, 9.8, 10.1, 10.5, 10.6, 10.8, 11.2, 11.5, 11.6, 11.8, 12.2, 12.5, 12.6, 12.8 History and Social Science: CE.1, CE.4, CE.11, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1	

Task	SOL Correlations	Other Correlations
	Mathematics: 6.10, 6.11, 6.12, 7.2, 7.3, 7.8, 7.9, 7.10, 7.11, 7.12, 7.13, 8.4, 8.11, 8.12, 8.13, 8.14, 8.17, 8.18, A.4, A.5, A.8, A.9, AFDA.3, AFDA.4, AFDA.5, AFDA.6, AFDA.7, AFDA.8, COM.1, COM.3, COM.5, COM.8	
Demonstrate information-literacy skills.	English: 6.1, 6.2, 6.4, 6.6, 6.7, 6.9, 7.1, 7.2, 7.3, 7.4, 7.6, 7.7, 7.9, 8.1, 8.2, 8.3, 8.4, 8.6, 8.7, 8.9, 9.2, 9.5, 9.6, 9.8, 10.2, 10.5, 10.6, 10.8, 11.2, 11.5, 11.6, 11.8, 12.2, 12.5, 12.6, 12.8 History and Social Science: CE.1, CE.4, CE.14, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1 Mathematics: 6.10, 6.11, 7.8, 7.9, 8.11, 8.12, A.8, A.9, AFDA.3, AFDA.4, AFDA.6, AFDA.7, AFDA.8, DM.8, PS.1*, PS.2*, PS.3*, PS.4*, PS.7*, PS.8*, PS.9*, PS.10* Science: 6.1, BIO.1, CH.1, ES.1, LS.1, PH.1, PS.1	
Demonstrate an understanding of information security.	English: 6.1, 6.2, 6.3, 6.4, 6.6, 6.7, 6.8, 6.9, 7.1, 7.2, 7.3, 7.4, 7.6, 7.7, 7.8, 7.9, 8.1, 8.2, 8.3, 8.4, 8.6, 8.7, 8.8, 8.9, 9.1, 9.2, 9.5, 9.6, 9.8, 10.1, 10.2, 10.5, 10.6, 10.8, 11.1, 11.2, 11.5, 11.6, 11.8, 12.1, 12.2, 12.5, 12.6, 12.8 History and Social Science: CE.1, CE.4, CE.14, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1 Mathematics: COM.10	
Maintain working knowledge of current information-technology (IT) systems.	English: 6.1, 6.3, 6.4, 6.6, 6.9, 7.1, 7.3, 7.4, 7.6, 7.9, 8.1, 8.3, 8.4, 8.6, 8.9 History and Social Science: CE.1, CE.4, CE.14, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1 Mathematics: 7.8, COM.1, COM.2, COM.7, COM.9, COM.10, COM.11, COM.16, COM.18, PS.17 Science: BIO.1, CH.1, ES.1, PH.1	

Task	SOL Correlations	Other Correlations
Demonstrate proficiency with technologies, tools, and machines common to a specific occupation.	History and Social Science: CE.1, CE.4, CE.14, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1 Mathematics: 6.10, 6.11, 7.9, 8.4, A.7, A.8, A.9, AFDA.1, AFDA.3, AFDA.5, AII.4, AII.7, AII.9, COM.1, COM.7, COM.10, COM.11, COM.12, COM.16 Science: CH.1, ES.1, LS.1, PH.1, PS.1	
Apply mathematical skills to job-specific tasks.	English: 6.4, 6.6, 6.7, 7.4, 7.6, 7.7, 8.4, 8.6, 8.7, 9.5, 9.6, 10.5, 10.6, 11.5, 11.6, 12.5, 12.6 History and Social Science: CE.1, CE.4, CE.14, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1 Mathematics: 6.1, 6.2, 6.5, 6.6, 6.12, 6.13, 6.14, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.8, 7.9, 7.11, 7.12, 7.13, 8.4, 8.5, 8.6, 8.8, 8.9, 8.10, 8.11, 8.12, 8.13, 8.14, 8.15, 8.16, 8.17, 8.18, A.1, A.3, A.4, A.5, A.7, A.8, A.9, AFDA.1, AFDA.3, AFDA.5, AFDA.8, AII.3, AII.7, AII.9, AII.10, COM.1, COM.7 Science: 6.1, BIO.1, CH.1, ES.1, LS.1, PH.1, PS.1	
Demonstrate professionalism.	English: 6.1, 7.1, 8.1, 9.1, 10.1, 11.1, 12.1 History and Social Science: CE.1, CE.4, CE.14, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1	
Demonstrate reading and writing skills.	English: 6.1, 6.6, 6.7, 7.1, 7.6, 7.7, 8.1, 8.6, 8.7, 9.1, 9.5, 9.6, 9.7, 10.1, 10.5, 10.6, 10.7, 11.1, 11.5, 11.6, 11.7, 12.1, 12.5, 12.6, 12.7 History and Social Science: CE.1, CE.4, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1 Science: 6.1, PH.1, PS.1	
Demonstrate workplace safety.	English: 6.4, 7.4, 8.4, 9.5, 10.5, 11.5, 12.5 History and Social Science: CE.1, CE.4, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1 Science: CH.1	

<b>Task</b>	<b>SOL Correlations</b>	<b>Other Correlations</b>
<b>Examining All Aspects of an Industry</b>		
Examine aspects of planning within an industry/organization.	History and Social Science: GOVT.16	
Examine aspects of management within an industry/organization.		
Examine aspects of financial responsibility within an industry/organization.		
Examine technical and production skills required of workers within an industry/organization.		
Examine principles of technology that underlie an industry/organization.		
Examine labor issues related to an industry/organization.	History and Social Science: GOVT.16	
Examine community issues related to an industry/organization.	History and Social Science: GOVT.16	
Examine health, safety, and environmental issues related to an industry/organization.	History and Social Science: GOVT.16	
<b>Addressing Elements of Student Life</b>		

<b>Task</b>	<b>SOL Correlations</b>	<b>Other Correlations</b>
Identify the purposes and goals of the student organization.		
Explain the benefits and responsibilities of membership in the student organization as a student and in professional/civic organizations as an adult.		
Demonstrate leadership skills through participation in student organization activities, such as meetings, programs, and projects.		
Identify Internet safety issues and procedures for complying with acceptable use standards.		
<b>Exploring Work-Based Learning</b>		
Identify the types of work-based learning (WBL) opportunities.		
Reflect on lessons learned during the WBL experience.		
Explore career opportunities related to the WBL experience.		
Participate in a WBL experience, when appropriate.		
<b>Introducing Emergency Medical Responder (EMR)</b>		
Outline mandatory course requirements and paperwork.	English: 10.6, 10.7, 11.6, 11.7, 12.6, 12.7	

<b>Task</b>	<b>SOL Correlations</b>	<b>Other Correlations</b>
Complete a state-approved certification for cardiopulmonary resuscitation (CPR).		HOSA Competitive Events (High School): Emergency Preparedness Events o CPR/First Aid
<b>Exploring Medical Responder Fundamentals</b>		
Describe the components of EMS systems.	English: 10.5, 11.5, 12.5  History and Social Science: GOVT.1	
Explain the influence of research and evidence-based decision making on EMS care.	English: 10.5, 11.5, 12.5	HOSA Competitive Events (High School): Emergency Preparedness Events o Emergency Medical Technician
Describe the roles and responsibilities of an EMR toward personal safety and the safety of the crew, patient, and bystanders.	English: 10.5, 11.5, 12.5	HOSA Competitive Events (High School): Emergency Preparedness Events o Emergency Medical Technician
Explain the components and legal considerations of EMS documentation.	English: 10.5, 11.5, 12.5  History and Social Science: VUS.14, WG.17, WHII.14	HOSA Competitive Events (High School): Health Science Events o Knowledge Test: Medical Law and Ethics Emergency Preparedness Events o Emergency Medical Technician
Describe the techniques of effective and efficient team communication.	English: 10.5, 11.5, 12.5	HOSA Competitive Events (High School): Emergency Preparedness Events

<b>Task</b>	<b>SOL Correlations</b>	<b>Other Correlations</b>
		o Emergency Medical Technician
Describe the communication skills that should be used to interact with the patient, family, and bystanders while providing patient care.	English: 10.5, 11.5, 12.5	HOSA Competitive Events (High School): Emergency Preparedness Events o Emergency Medical Technician
Explain the legal implications of EMS care.	English: 10.5, 11.5, 12.5	HOSA Competitive Events (High School): Health Science Events o Knowledge Test: Medical Law and Ethics Teamwork Events o HOSA Bowl Emergency Preparedness Events o Emergency Medical Technician
Describe the EMS system's role in prevention of illness and injury through public education.	English: 10.5, 11.5, 12.5  History and Social Science: VUS.14, WG.17, WHII.4, WHII.14	
<b>Exploring the Human Body</b>		
Describe the anatomy and physiology of the major body systems.	English: 10.5, 11.5, 12.5  History and Social Science: WHII.4  Science: BIO.4	HOSA Competitive Events (High School): Teamwork Events o HOSA Bowl
Define common medical terms and abbreviations.	English: 10.3, 10.5, 11.3, 11.5, 12.3, 12.5	HOSA Competitive Events (High School)

<b>Task</b>	<b>SOL Correlations</b>	<b>Other Correlations</b>
	History and Social Science: WHII.4	Health Science Events o Medical Terminology
Use knowledge of shock and respiratory compromise to respond to life threats.	History and Social Science: WHII.4	HOSA Competitive Events (High School): Health Science Events o Knowledge Test: Pathophysiology Emergency Preparedness Events o Emergency Medical Technician
Describe the major physiological and psychosocial characteristics of life stages in relation to patient care.	English: 10.5, 11.5, 12.5	HOSA Competitive Events (High School): Health Science Events o Knowledge Test: Human Growth and Development
<b>Understanding Principles of Pharmacology</b>		
Describe the medications that the EMR may administer.	English: 10.5, 11.5, 12.5	HOSA Competitive Events (High School): Emergency Preparedness Events o Emergency Medical Technician
Demonstrate the steps for assisting or administering medications that are within an EMR's scope of practice.	English: 10.5, 11.5, 12.5  History and Social Science: WHI.5, WHII.4	HOSA Competitive Events (High School): Emergency Preparedness Events o Emergency Medical Technician
<b>Managing Airway, Respiration, and Artificial Ventilation</b>		

<b>Task</b>	<b>SOL Correlations</b>	<b>Other Correlations</b>
Discuss the general anatomy and physiology of respiration and ventilation.	English: 10.1, 11.1, 12.1 History and Social Science: WHII.4	
Demonstrate the assessment and management of the airway.	English: 10.5, 11.5, 12.5 History and Social Science: WHII.4	HOSA Competitive Events (High School): Emergency Preparedness Events <ul style="list-style-type: none"> <li>o CPR/First Aid</li> <li>o Emergency Medical Technician</li> </ul>
Demonstrate the assessment of respiration and management of adequate respiration.	English: 10.5, 11.5, 12.5 History and Social Science: WHII.4	HOSA Competitive Events (High School) Emergency Preparedness Events <ul style="list-style-type: none"> <li>o CPR/First Aid</li> <li>o Emergency Medical Technician</li> </ul>
Demonstrate the assessment and management of adequate and inadequate ventilation.	English: 10.5, 11.5, 12.5 History and Social Science: WHII.4	HOSA Competitive Events (High School): Emergency Preparedness Events <ul style="list-style-type: none"> <li>o CPR/First Aid</li> <li>o Emergency Medical Technician</li> </ul>
<b>Assessing the Patient</b>		
Demonstrate a scene size-up for single-patient and multiple-patient situations.		HOSA Competitive Events (High School): Emergency Preparedness Events <ul style="list-style-type: none"> <li>o CERT (Community Emergency Response Team) Skills</li> <li>o CPR/First Aid</li> </ul>

<b>Task</b>	<b>SOL Correlations</b>	<b>Other Correlations</b>
		o Emergency Medical Technician
Demonstrate a primary assessment.	English: 10.5, 11.5, 12.5	HOSA Competitive Events (High School): Emergency Preparedness Events o CPR/First Aid o Emergency Medical Technician
Demonstrate history taking.	English: 10.5, 11.5, 12.5	HOSA Competitive Events (High School): Emergency Preparedness Events o CPR/First Aid o Emergency Medical Technician
Demonstrate a secondary assessment.		HOSA Competitive Events (High School): Emergency Preparedness Events o CPR/First Aid o Emergency Medical Technician
Demonstrate a reassessment.	English: 10.5, 11.5, 12.5	HOSA Competitive Events (High School): Emergency Preparedness Events o Emergency Medical Technician
<b>Managing Medical Emergencies</b>		
Describe life threats based on assessment findings of a patient with a medical emergency while	English: 10.5, 11.5, 12.5	HOSA Competitive Events (High School): Emergency Preparedness Events

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awaiting additional emergency response.		o Emergency Medical Technician
Demonstrate the assessment and management of patients experiencing neurological emergencies.		HOSA Competitive Events (High School): Emergency Preparedness Events o Emergency Medical Technician
Describe the assessment and management of patients with abdominal or gastrointestinal disorders.	English: 10.5, 11.5, 12.5	HOSA Competitive Events (High School): Emergency Preparedness Events o Emergency Medical Technician
Demonstrate the assessment and management of patients with allergic reactions.		HOSA Competitive Events (High School): Emergency Preparedness Events o CPR/First Aid o Emergency Medical Technician
Identify a patient with a potential infectious disease.	English: 10.5, 11.5, 12.5	HOSA Competitive Events (High School): Emergency Preparedness Events o Emergency Medical Technician
Describe the assessment and management of patients with diabetic emergencies.	English: 10.5, 11.5, 12.5	HOSA Competitive Events (High School): Emergency Preparedness Events o Emergency Medical Technician
Describe the assessment and management of patients displaying	English: 10.5, 11.5, 12.5	HOSA Competitive Events (High School):

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psychotic behaviors or signs of other psychiatric disorders.		Emergency Preparedness Events o Emergency Medical Technician
Demonstrate the assessment and management of patients experiencing cardiac emergencies.		HOSA Competitive Events (High School): Emergency Preparedness Events o CPR/First Aid o Emergency Medical Technician
Demonstrate the assessment and management of patients suspected of suffering from poisoning.	English: 10.5, 11.5, 12.5	HOSA Competitive Events (High School): Emergency Preparedness Events o CPR/First Aid o Emergency Medical Technician
Demonstrate the assessment and management of patients with respiratory emergencies.		HOSA Competitive Events (High School): Emergency Preparedness Events o CPR/First Aid o Emergency Medical Technician
Describe the assessment and management of patients with genitourinary/renal disorders.	English: 10.5, 11.5, 12.5	HOSA Competitive Events (High School): Emergency Preparedness Events o Emergency Medical Technician
Describe emergency medical care of patients with gynecological emergencies.	English: 10.5, 11.5, 12.5	HOSA Competitive Events (High School): Emergency Preparedness Events

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		o Emergency Medical Technician
Describe the identification, assessment, and management of patients with disorders of the eyes, ears, nose, and throat.	English: 10.5, 11.5, 12.5	HOSA Competitive Events (High School): Emergency Preparedness Events o Emergency Medical Technician
<b>Managing Traumatic Injuries</b>		
Describe the assessment and management of patients with shock, respiratory failure or arrest, and cardiac arrest.	English: 10.5, 11.5, 12.5	HOSA Competitive Events (High School): Emergency Preparedness Events o CPR/First Aid o Emergency Medical Technician
Describe bleeding.	English: 10.5, 11.5, 12.5	HOSA Competitive Events (High School): Emergency Preparedness Events o CPR/First Aid o Emergency Medical Technician
Describe chest trauma.	English: 10.5, 11.5, 12.5	HOSA Competitive Events (High School): Emergency Preparedness Events o Emergency Medical Technician
Describe abdominal trauma.	English: 10.5, 11.5, 12.5	HOSA Competitive Events (High School): Emergency Preparedness Events

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		o Emergency Medical Technician
Describe orthopedic trauma.	English: 10.5, 11.5, 12.5	HOSA Competitive Events (High School): Emergency Preparedness Events o Emergency Medical Technician
Describe soft-tissue trauma.	English: 10.5, 11.5, 12.5	HOSA Competitive Events (High School): Emergency Preparedness Events o Emergency Medical Technician
Describe head, facial, neck, and spine trauma.	English: 10.5, 11.5, 12.5	HOSA Competitive Events (High School): Emergency Preparedness Events o Emergency Medical Technician
Describe special considerations in trauma.	English: 10.5, 11.5, 12.5	HOSA Competitive Events (High School): Emergency Preparedness Events o Emergency Medical Technician
Describe environmental emergencies.	English: 10.5, 11.5, 12.5	HOSA Competitive Events (High School): Emergency Preparedness Events o CERT (Community Emergency Response Team) Skills o Emergency Medical Technician

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Describe multi-system trauma.	English: 10.5, 11.5, 12.5	HOSA Competitive Events (High School): Emergency Preparedness Events o Emergency Medical Technician
<b>Managing Special Patient Populations</b>		
Describe the assessment and management of obstetric patients.	English: 10.5, 11.5, 12.5	HOSA Competitive Events (High School): Emergency Preparedness Events o Emergency Medical Technician
Describe the care of neonatal patients.	English: 10.5, 11.5, 12.5	HOSA Competitive Events (High School): Emergency Preparedness Events o Emergency Medical Technician
Describe the care of pediatric patients.	English: 10.5, 11.5, 12.5	HOSA Competitive Events (High School): Emergency Preparedness Events o Emergency Medical Technician
Demonstrate the assessment and management of geriatric patients.	English: 10.5, 11.5, 12.5	HOSA Competitive Events (High School): Emergency Preparedness Events o Emergency Medical Technician
Describe the assessment and management of patients with special challenges.	English: 10.5, 11.5, 12.5	HOSA Competitive Events (High School): Emergency Preparedness Events

Task	SOL Correlations	Other Correlations
		<ul style="list-style-type: none"> <li>o Emergency Medical Technician</li> </ul>
<b>Understanding EMS/EMR Operations</b>		
Discuss the risks and responsibilities of emergency response.	English: 10.1, 11.1, 12.1	HOSA Competitive Events (High School): Emergency Preparedness Events <ul style="list-style-type: none"> <li>o Emergency Medical Technician</li> </ul>
Explore establishment of incident command.	English: 10.5, 11.5, 12.5	HOSA Competitive Events (High School): Emergency Preparedness Events <ul style="list-style-type: none"> <li>o CERT (Community Emergency Response Team) Skills</li> <li>o Emergency Medical Technician</li> </ul>
Evaluate the role of an EMR in a multiple-casualty situation.		HOSA Competitive Events High School): Emergency Preparedness Events <ul style="list-style-type: none"> <li>o CERT (Community Emergency Response Team) Skills</li> <li>o Emergency Medical Technician</li> </ul>
Describe the use of air medical transport.	English: 10.5, 11.5, 12.5	HOSA Competitive Events (High School) Emergency Preparedness Events <ul style="list-style-type: none"> <li>o CERT (Community Emergency Response Team) Skills</li> </ul>

Task	SOL Correlations	Other Correlations
		<ul style="list-style-type: none"> <li>o Emergency Medical Technician</li> </ul>
Describe the fundamental concepts of extrication.	English: 10.5, 11.5, 12.5	HOSA Competitive Events (High School): Emergency Preparedness Events <ul style="list-style-type: none"> <li>o CERT (Community Emergency Response Team) Skills</li> <li>o Emergency Medical Technician</li> </ul>
Explain the EMR's role during a call involving hazardous materials.	English: 10.5, 11.5, 12.5	HOSA Competitive Events (High School): Emergency Preparedness Events <ul style="list-style-type: none"> <li>o CERT (Community Emergency Response Team) Skills</li> <li>o Emergency Medical Technician</li> </ul>
Evaluate the role of the EMR in a mass-casualty situation due to terrorism or disaster.	English: 10.5, 11.5, 12.5  History and Social Science: VUS.14, WG.17, WHII.14	HOSA Competitive Events (High School): Emergency Preparedness Events <ul style="list-style-type: none"> <li>o CERT (Community Emergency Response Team) Skills</li> <li>o Emergency Medical Technician</li> </ul>
<b>Performing Clinical Behavior and Judgment Assessments</b>		
Demonstrate long-bone splinting.		HOSA Competitive Events (High School): Emergency Preparedness Events

Task	SOL Correlations	Other Correlations
		<ul style="list-style-type: none"> <li>o Emergency Medical Technician</li> </ul>
Demonstrate joint splinting.		HOSA Competitive Events (High School): Emergency Preparedness Events <ul style="list-style-type: none"> <li>o Emergency Medical Technician</li> </ul>
Demonstrate airway management.		HOSA Competitive Events (High School): Emergency Preparedness Events <ul style="list-style-type: none"> <li>o CPR/First Aid</li> <li>o Emergency Medical Technician</li> </ul>
Demonstrate bleeding control and care of shock.		HOSA Competitive Events (High School): Emergency Preparedness Events <ul style="list-style-type: none"> <li>o CPR/First Aid</li> <li>o Emergency Medical Technician</li> </ul>
Perform simulated patient scenarios.		HOSA Competitive Events (High School): Emergency Preparedness Events <ul style="list-style-type: none"> <li>o CERT (Community Emergency Response Team) Skills</li> <li>o CPR/First Aid</li> <li>o Emergency Medical Technician</li> </ul>
<b>Exploring Requirements for Certification and Work-Based Learning Opportunities</b>		

<b>Task</b>	<b>SOL Correlations</b>	<b>Other Correlations</b>
Research certification requirements for the EMR.	English: 10.8, 11.8, 12.8	
Observe emergency medical services operations.		
Research recertification requirements for the EMR.	English: 10.8, 11.8, 12.8	
<b>Describing the Opioid Crisis</b>		
Describe the history and current state of the opioid crisis in the United States.	English: 12.5	
Describe the history and current state of the opioid crisis in Virginia.	English: 12.5, 12.8	
Define the pharmacological components and common uses of opioids.	English: 12.3, 12.8	
<b>Examining Key Factors of Drug Addiction</b>		
Examine the science of addiction.	English: 12.5	
Explain prevention and early intervention strategies.	English: 12.5, 12.8	
Identify addiction and its behavioral elements, as defined by the Diagnostic and Statistical Manual of Mental Disorders (DSM-5).	English: 12.5	
Describe the treatment models of addiction therapy.	English: 12.5	
Describe the medication management antidote used to prevent fatal opioid overdoses.	English: 12.5, 12.8	

<b>Task</b>	<b>SOL Correlations</b>	<b>Other Correlations</b>
<b>Understanding Pain Management Protocols</b>		
Explain the science of physiological and mental pain.	English: 12.3, 12.5	
Describe the diagnostic tools used in developing pain management plans.	English: 12.5	
Describe pain treatment options available to various populations of patients.	English: 12.5, 12.8	
Describe the effects of opioid dependency on the human body systems.	English: 12.5	
Explain the mechanism and physical effects of opioids on the human body.	English: 12.5	
Explain the use of opioids in practice settings, the role of opioids in pain management, and risk factors associated with the use of the medication.	English: 12.5	
Describe the withdrawal and tapering side effects of opioid use.	English: 12.5	
Describe storage and disposal options for opioids.	English: 12.5, 12.8	
Explain community resources for education about opioid use.	English: 12.5	
<b>Working with Patients and Caregivers</b>		
Describe key communication topics involving opioids for patients.	English: 12.5	

<b>Task</b>	<b>SOL Correlations</b>	<b>Other Correlations</b>
Describe communication topics for caregivers and family members.	English: 12.5	