

Standards Correlations

Emergency Medical Technician I (8333)

Task	SOL Correlations	HOSA-Future Health Professionals Correlations
Demonstrating Personal Qualities and Abilities		
Demonstrate creativity and innovation.	<p>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</p> <p>History and Social Science: CE.1, CE.4, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WG.4, WHI.1, WHII.1</p> <p>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*</p> <p>Science: 6.1, BIO.1, CH.1, ES.1, LS.1, PS.1</p>	
Demonstrate critical thinking and problem solving.	<p>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</p> <p>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</p> <p>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, COM.8, DM.4, DM.7, DM.1*, DM.2*, DM.3*, DM.9*, PS.9*, PS.10*</p> <p>Science: 6.1, BIO.1, CH.1, ES.1, LS.1, PS.1</p>	
Demonstrate initiative and self-direction.	<p>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</p>	

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	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	
Demonstrating Interpersonal Skills		
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	
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	

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Demonstrating Professional Competencies		
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 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*	

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	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	
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	

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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	
Examining All Aspects of an Industry		
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		

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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	
Addressing Elements of Student Life		
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,		

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such as meetings, programs, and projects.		
Identify Internet safety issues and procedures for complying with acceptable use standards.		
Exploring Work-based Learning		
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.		
Introducing Emergency Medical Technician (EMT) I		
Outline mandatory course requirements and paperwork.	English: 10.6, 10.7, 11.6, 11.7, 12.6, 12.7	
Complete a state-approved certification	English: 10.5, 11.5, 12.5	Emergency Preparedness Events

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for cardiopulmonary resuscitation (CPR).		• CPR/First Aid
Clinical Behavior and Judgment		
Perform assessment.	English: 10.1, 11.1, 12.1	
Define <i>cultural humility</i> .	English: 10.3, 10.5, 11.3, 11.5, 12.3, 12.5 History and Social Sciences: GOVT.16	Health Science Events • Cultural Diversities and Disparities
Demonstrate therapeutic communication and cultural humility.	English: 10.1, 11.1, 12.1 History and Social Sciences: GOVT.16	Health Science Events • Cultural Diversities and Disparities
Demonstrate psychomotor skills.	English: 10.1, 11.1, 12.1	
Demonstrate professional affective domain behaviors.	English: 10.1, 11.1, 12.1 History and Social Sciences: GOVT.16	
Perform clinical decision making.	English: 10.1, 11.1, 12.1 History and Social Sciences: WHIL.1, VUS.1, GOVT.1	
Keep records.	English: 10.6, 10.7, 11.6, 11.7, 12.6, 12.7	
Serve as a member of a team.	English: 10.1, 11.1, 12.1	
Exploring Fundamentals of Emergency Medical Services (EMS) Systems		

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Describe the components of EMS systems.	English: 10.5, 11.5, 12.5 History and Social Sciences: GOVT.8	
Explain the influence of research and evidence-based decision making on EMS care.	English: 10.5, 11.5, 12.5 History and Social Sciences: WHII.1, VUS.1, GOVT.1	Emergency Preparedness Events • Emergency Medical Technician
Describe the roles and responsibilities of an EMT toward personal safety and the safety of the crew, patient, and bystanders.	English: 10.5, 11.5, 12.5 History and Social Sciences: GOVT.16	Emergency Preparedness Events • Emergency Medical Technician
Explain the components and legal considerations of EMS documentation.	English: 10.5, 11.5, 12.5 History and Social Sciences: WHII.1, VUS.1, VUS.13, GOVT.1, GOVT.9	Health Science Events • Medical Law and Ethics Emergency Preparedness Events • Emergency Medical Technician
Describe the techniques of effective and efficient team communication.	English: 10.5, 11.5, 12.5	Emergency Preparedness Events • 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	

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Explain the legal implications of EMS care.	English: 10.5, 11.5, 12.5 History and Social Sciences: GOVT.7, GOVT.16	Health Science Events • Medical Law and Ethics Emergency Preparedness Events • Emergency Medical Technician
Apply knowledge of the principles of public health epidemiology, including public health emergencies, public health monitoring, health promotion, and illness and injury prevention.	English: 10.5, 11.5, 12.5 History and Social Sciences: GOVT.7, GOVT.8, GOVT.9	Emergency Preparedness Events • Public Health
Addressing EMS Safety, Wellness, and Resilience		
Ensure safety.	History and Social Sciences: GOVT.16	
Discuss principles of stress management, responder mental health, resilience, and suicide prevention across all levels.	English: 10.1, 11.1, 12.1	Leadership Events * Healthy Lifestyle
Exploring the Human Body		

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Describe the anatomy and physiology of the major body systems.	English: 10.5, 11.5, 12.5	Teamwork Events <ul style="list-style-type: none"> • HOSA Bowl NGL-ATC Events <ul style="list-style-type: none"> • Anatomy and Physiology
Define common medical terms and abbreviations.	English: 10.3, 10.5, 11.3, 11.5, 12.3, 12.5 Science: BIO.6	Health Science Events <ul style="list-style-type: none"> • Medical Terminology
Explain the effect of pathophysiology on perfusion.	English: 10.5, 11.5, 12.5	Health Science Events <ul style="list-style-type: none"> • Pathophysiology
Describe the major physiological and psychosocial characteristics of life stages in relation to patient care.	English: 10.5, 11.5, 12.5	Health Science Events <ul style="list-style-type: none"> • Human Growth and Development
Understanding Pharmacology		
Describe the principles of pharmacology.	English: 10.5, 11.5, 12.5	Health Science Events <ul style="list-style-type: none"> • Pharmacology
Demonstrate the steps for assisting patients with administration of medications that are	English: 10.1, 11.1, 12.1	Health Science Events <ul style="list-style-type: none"> • Pharmacology

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within an EMT's scope of practice.		
Describe acute medications, including those administered by an EMT.	English: 10.5, 11.5, 12.5	Emergency Preparedness Events • Emergency Medical Technician
Describe chronic/maintenance classifications of medications.	English: 10.5, 11.5, 12.5	Health Science Events • Pharmacology
Demonstrating Airway Management, Respiration and Ventilation		
Demonstrate assessment and management of the airway.	English: 10.1, 11.1, 12.1	Emergency Preparedness Events • CPR/First Aid • Emergency Medical Technician
Demonstrate the assessment of respiration and management of adequate respiration.	English: 10.1, 11.1, 12.1 Science: BIO.6	Emergency Preparedness Events • CPR/First Aid • Emergency Medical Technician
Demonstrate assessment and management of adequate and inadequate ventilation.	English: 10.1, 11.1, 12.1	Emergency Preparedness Events • CPR/First Aid • Emergency Medical Technician
Assessing the Patient		

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Demonstrate a scene size-up for single-patient and multiple-patient situations.	English: 10.1, 11.1, 12.1	Emergency Preparedness Events • CPR/First Aid • Emergency Medical Technician
Demonstrate a primary assessment.	English: 10.1, 11.1, 12.1	Emergency Preparedness Events • CPR/First Aid • Emergency Medical Technician
Demonstrate history taking.	English: 10.1, 11.1, 12.1	Emergency Preparedness Events • Emergency Medical Technician
Demonstrate a secondary assessment.	English: 10.1, 11.1, 12.1	
Demonstrate the use of monitoring devices within an EMT's scope of practice.	English: 10.1, 11.1, 12.1	Emergency Preparedness Events • Emergency Medical Technician
Demonstrate a reassessment.	English: 10.1, 11.1, 12.1	Emergency Preparedness Events • Emergency Medical Technician
Managing Shock and Resuscitation		
Demonstrate the care of a patient showing signs and symptoms of shock (hypoperfusion).	English: 10.1, 11.1, 12.1	Emergency Preparedness Event • CPT/First Aid
Demonstrate the care of a patient with respiratory failure or	English: 10.1, 11.1, 12.1	

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arrest, and cardiac failure or arrest, including post-resuscitation.		
Managing Traumatic Emergencies		
Describe management of a trauma patient.	English: 10.5, 11.5, 12.5	Emergency Preparedness Events <ul style="list-style-type: none"> • CPR/First Aid • Emergency Medical Technician
Demonstrate management of wounds to the abdomen and genitourinary system.	English: 10.1, 11.1, 12.1	Emergency Preparedness Events <ul style="list-style-type: none"> • CPR/First Aid • Emergency Medical Technician
Demonstrate management of bleeding.	English: 10.1, 11.1, 12.	Emergency Preparedness Events <ul style="list-style-type: none"> • CPR/First Aid • Emergency Medical Technician • Life Support Skills
Demonstrate management of a patient with a chest injury.	English: 10.1, 11.1, 12.1	
Demonstrate the steps in providing care to a patient who has suffered an environmental injury.	English: 10.1, 11.1, 12.1	Emergency Preparedness Events <ul style="list-style-type: none"> • CPR/First Aid • Emergency Medical Technician
Demonstrate management of head,	English: 10.1, 11.1, 12.1	Emergency Preparedness Events

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face, neck, and spine injuries.		<ul style="list-style-type: none"> • CPR/First Aid • Emergency Medical Technician
Prioritize management options for patients with multi-system trauma.	English: 10.5, 11.5, 12.5	Emergency Preparedness Events <ul style="list-style-type: none"> • CPR/First Aid • Emergency Medical Technician
Demonstrate management of central nervous system injuries and resulting complications.	English: 10.1, 11.1, 12.1	
Demonstrate management of orthopedic trauma.	English: 10.1, 11.1, 12.1	
Demonstrate the steps in the emergency medical care of soft-tissue injuries.	English: 10.1, 11.1, 12.1	
Differentiate traumatic injury assessment and care for special considerations.	English: 10.5, 11.5, 12.5 History and Social Sciences: WHIL.1, VUS.1, GOVT.1	