

Standards Correlations

Vision Care Technician I (8397)

Task	SOL Correlations	HOSA 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,</p>	

Task	SOL Correlations	HOSA Correlations
	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* 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	
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	

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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	
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	

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	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	

Task	SOL Correlations	HOSA Correlations
	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	
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	

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	Science: CH.1, ES.1, LS.1, PH.1, PS.1	
Apply mathematical skills to job-specific tasks.	<p>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</p> <p>History and Social Science: CE.1, CE.4, CE.14, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1</p> <p>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</p> <p>Science: 6.1, BIO.1, CH.1, ES.1, LS.1, PH.1, PS.1</p>	
Demonstrate professionalism.	<p>English: 6.1, 7.1, 8.1, 9.1, 10.1, 11.1, 12.1</p> <p>History and Social Science: CE.1, CE.4, CE.14, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1</p>	
Demonstrate reading and writing skills.	<p>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</p> <p>History and Social Science: CE.1, CE.4, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1</p> <p>Science: 6.1, PH.1, PS.1</p>	
Demonstrate workplace safety.	<p>English: 6.4, 7.4, 8.4, 9.5, 10.5, 11.5, 12.5</p> <p>History and Social Science: CE.1, CE.4, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1</p>	

Task	SOL Correlations	HOSA Correlations
	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 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	History and Social Science: GOVT.16	

Task	SOL Correlations	HOSA Correlations
issues related to an industry/organization.		
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, 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.		

Task	SOL Correlations	HOSA Correlations
Explore career opportunities related to the WBL experience.		
Participate in a WBL experience, when appropriate.		
Identifying Injuries, Diseases, and Disorders		
Identify ocular injuries and emergencies.	Science: BIO.4d	Health Science Events <ul style="list-style-type: none"> o Medical Spelling o Medical Terminology o Knowledge Test: Human Growth and Development o Knowledge Test: Pathophysiology
Identify the signs, symptoms, and treatments of common ocular diseases and disorders.	Science: BIO.4d	Health Science Events <ul style="list-style-type: none"> o Medical Spelling o Medical Terminology
Identify the signs, symptoms, and treatment of systemic conditions.	Science: BIO.4d	Health Science Events <ul style="list-style-type: none"> o Medical Spelling o Medical Terminology o Knowledge Test: Human Growth and Development o Knowledge Test: Pathophysiology Teamwork Events <ul style="list-style-type: none"> o HOSA Bowl
Discovering Pharmacology		
Identify topical medications.		Health Science Events <ul style="list-style-type: none"> o Medical Spelling o Medical Terminology o Knowledge Test: Pharmacology Health Professions Events <ul style="list-style-type: none"> o Clinical Specialty

Task	SOL Correlations	HOSA Correlations
Identify key systemic medications.		Health Science Events <ul style="list-style-type: none"> o Medical Spelling o Medical Terminology o Knowledge Test: Pharmacology Health Professions Events <ul style="list-style-type: none"> o Clinical Specialty
Document prescriptions.		Health Science Events <ul style="list-style-type: none"> o Medical Spelling o Medical Terminology o Knowledge Test: Pharmacology Health Professions Events <ul style="list-style-type: none"> o Clinical Specialty
Explain various routes for administering pharmaceuticals.	English: 12.5	Health Science Events <ul style="list-style-type: none"> o Medical Spelling o Medical Terminology o Knowledge Test: Pharmacology Health Professions Events <ul style="list-style-type: none"> o Clinical Specialty
Assist a doctor with contact lens patients.		Health Science Events <ul style="list-style-type: none"> o Medical Spelling o Medical Terminology Health Professions Events <ul style="list-style-type: none"> o Clinical Specialty
Assist in the application of contact lenses.		Health Science Events <ul style="list-style-type: none"> o Medical Spelling o Medical Terminology Health Professions Events <ul style="list-style-type: none"> o Clinical Specialty
Identify staining related to contact lenses.		Health Science Events <ul style="list-style-type: none"> o Medical Spelling o Medical Terminology

Task	SOL Correlations	HOSA Correlations
Identify common complications related to contact lenses.		Health Science Events o Medical Spelling o Medical Terminology Teamwork Events o Health Education o HOSA Bowl
Examine the evolution of refractive surgery.		Health Science Events o Medical Spelling o Medical Terminology Teamwork Events o Health Education o HOSA Bowl
Perform specialty tests.	Science: PH.8	Health Science Events o Medical Spelling o Medical Terminology Health Professions Events o Clinical Specialty Teamwork Events o HOSA Bowl
Exploring Eyeglass Dispensing		
Apply appropriate measurements and terminology.	Science: PH.8	Health Science Events o Medical Spelling o Medical Terminology o Medical Math Health Professions Events o Clinical Specialty
Identify the components of an eyeglass prescription.	Science: PH.8	Health Professions Events o Clinical Specialty
Identify various lens types, materials, and treatments.		Health Professions Events o Clinical Specialty

Task	SOL Correlations	HOSA Correlations
Identify progressive addition lenses (PAL).		Health Professions Events o Clinical Specialty
Demonstrate frame-adjustment techniques.		Health Professions Events o Clinical Specialty Leadership Events o Medical Photography
Select frames with patient consultation.		Health Professions Events o Clinical Specialty
Perform a sale.		
Demonstrate the delivery of eyewear.		Health Professions Events o Clinical Specialty
Exploring Professional Choices		
Describe the process and requirements for obtaining industry certifications related to the Visual Care Technician II course.	English: 12.5, 12.6, 12.7, 12.8	Teamwork Events o Health Career Display
Identify testing skills and strategies for a certification examination.		
Demonstrate the ability to successfully complete selected practice examinations (e.g., practice questions similar to those on certification exams).		Health Science Events o Medical Spelling o Medical Terminology Health Professions Events o Clinical Specialty
Describing the Opioid Crisis		
Describe the history and current state of the opioid crisis in the United States.	English: 12.5	Health Science Events o Medical Spelling o Medical Terminology Teamwork Events o Creative Problem Solving

Task	SOL Correlations	HOSA Correlations
		o Public Service Announcement
Describe the history and current state of the opioid crisis in Virginia.	English: 12.5, 12.8	Health Science Events o Medical Spelling o Medical Terminology Teamwork Events o Creative Problem Solving o Public Service Announcement
Define the pharmacological components and common uses of opioids.	English: 12.3, 12.8	Health Science Events o Medical Spelling o Medical Terminology o Knowledge Test: Pharmacology Health Professions Events o Clinical Nursing
Examining Key Factors of Drug Addiction		
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	Health Science Events o Knowledge Test: Behavioral Health o Knowledge Test: Medical Law and Ethics Health Professions Events o Clinical Nursing
Describe the treatment models of addiction therapy.	English: 12.5	Health Science Events o Knowledge Test: Behavioral Health o Knowledge Test: Medical Law and Ethics Health Professions Events o Clinical Nursing

Task	SOL Correlations	HOSA Correlations
Describe the medication management antidote used to prevent fatal opioid overdoses.	English: 12.5, 12.8	Health Science Events <ul style="list-style-type: none"> o Medical Spelling o Medical Terminology o Knowledge Test: Pharmacology
Understanding Pain Management Protocols		
Explain the science of physiological and mental pain.	English: 12.3, 12.5	Health Science Events <ul style="list-style-type: none"> o Knowledge Test: Nutrition o Knowledge Test: Transcultural Health Care Teamwork Events <ul style="list-style-type: none"> o Community Awareness o Creative Problem Solving o HOSA Bowl
Describe the diagnostic tools used in developing pain management plans.	English: 12.5	Health Science Events <ul style="list-style-type: none"> o Knowledge Test: Nutrition o Knowledge Test: Transcultural Health Care Teamwork Events <ul style="list-style-type: none"> o Community Awareness o Creative Problem Solving o HOSA Bowl
Describe pain treatment options available to various populations of patients.	English: 12.5, 12.8	Health Science Events <ul style="list-style-type: none"> o Knowledge Test: Nutrition o Knowledge Test: Transcultural Health Care Teamwork Events <ul style="list-style-type: none"> o Community Awareness o Creative Problem Solving o HOSA Bowl
Describe the effects of opioid dependency on the human body systems.	English: 12.5	Health Science Events <ul style="list-style-type: none"> o Medical Spelling o Medical Terminology

Task	SOL Correlations	HOSA Correlations
		Teamwork Events o HOSA Bowl
Explain the mechanism and physical effects of opioids on the human body.	English: 12.5	Health Science Events o Medical Spelling o Medical Terminology Teamwork Events o HOSA Bowl
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	Health Science Events o Medical Spelling o Medical Terminology o Knowledge Test: Pharmacology Teamwork Events o Creative Problem Solving o HOSA Bowl
Describe the withdrawal and tapering side effects of opioid use.	English: 12.5	Health Science Events o Knowledge Test: Pharmacology Health Professions Events o Clinical Nursing
Describe storage and disposal options for opioids.	English: 12.5, 12.8	Health Science Events o Knowledge Test: Pharmacology Health Professions Events o Clinical Nursing
Explain community resources for education about opioid use.	English: 12.5	Health Science Events o Knowledge Test: Pharmacology Health Professions Events o Clinical Nursing
Working with Patients and Caregivers		
Describe key communication topics involving opioids for patients.	English: 12.5	Health Science Events o Medical Spelling o Medical Terminology Health Professions Events o Clinical Nursing

Task	SOL Correlations	HOSA Correlations
Describe communication topics for caregivers and family members.	English: 12.5	Health Science Events o Medical Spelling o Medical Terminology Health Professions Events o Clinical Nursing