

Standards Correlations

Pharmacy Technician I (8305)

Task	SOL Correlations	HOSA Competitive Events (High School)	Pharmacy Technician Certification Board (PTCB) Examination Required Knowledge
Demonstrating Personal Qualities and Abilities			
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		

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	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, 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		

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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		

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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 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,		

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	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		

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	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		

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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		

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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, such as			

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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.			
Exploring the World of Pharmacy			
Describe the healthcare team.	English: 10.5, 11.5, 12.5	Health Science Events o Pharmacology Health Professions Events	

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		<ul style="list-style-type: none"> o Dental Science o Nursing Assisting o Pharmacy Science o Veterinary Science Leadership Events <ul style="list-style-type: none"> o Health Career Photography Teamwork Events <ul style="list-style-type: none"> o Health Career Display o HOSA Bowl 	
Describe various pharmacy settings.	English: 10.5, 11.5, 12.5	Health Science Events <ul style="list-style-type: none"> o Pharmacology Health Professions Events <ul style="list-style-type: none"> o Pharmacy Science Teamwork Events <ul style="list-style-type: none"> o HOSA Bowl 	
Describe the roles and responsibilities of pharmacy professionals.	English: 10.5, 11.5, 12.5	Health Science Events <ul style="list-style-type: none"> o Pharmacology Health Professions Events <ul style="list-style-type: none"> o Pharmacy Science Teamwork Events <ul style="list-style-type: none"> o Health Career Display 	
Maintain American Heart Association cardiopulmonary resuscitation (CPR)/basic life support (BLS).		Emergency Preparedness Events <ul style="list-style-type: none"> o CPR/First Aid o Emergency Medical Technician o Life Support Skills* 	

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		*Student must be classified under the provision of the 2004 reauthorized Individuals with Disabilities Education Act (IDEA) to participate.	
Describe the professional organizations, regulatory boards, and credentialing in the field of pharmacy.	English: 10.5, 10.8, 11.5, 11.8, 12.5, 12.8 History and Social Science: GOVT.7, GOVT.8, GOVT.9	Health Science Events o Pharmacology Health Professions Events o Pharmacy Science Teamwork Events o Health Career Display	
Building a Professional Career			
Research job opportunities for pharmacy technicians.	English: 10.5, 10.8, 11.5, 11.8, 12.5, 12.8 History and Social Science: GOVT.8	Health Professions Events o Clinical Specialty Leadership Events o Interviewing Skills* *Student must be classified under the provision of the 2004 reauthorized Individuals with Disabilities Education Act (IDEA) to participate. o Job-Seeking Skills Teamwork Events o Health Career Display	III. Participating in the Administration and Management of Pharmacy Practice o III.6. Knowledge of required operational licenses and certificates
Describe the federal requirements for handling and disposal of non-hazardous,	English: 10.5, 10.8, 11.5, 11.8, 12.5, 12.8 History and Social Science: GOVT.7, GOVT.9	Health Science Events o Pharmacology Health Professions Events o Pharmacy Science	I. Assisting the Pharmacist in Serving Patients o I.1. Knowledge of federal, state, and/or practice

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hazardous, and pharmaceutical substances and waste.			site regulations, codes of ethics, and standards pertaining to the practice of pharmacy o I.2. Knowledge of pharmaceutical, medical, and legal developments which impact on the practice of pharmacy o I.3. Knowledge of state-specific prescription transfer regulations o I.76. Knowledge of legal requirements for pharmacist counseling of patient/patient's representative II. Maintaining Medication and Inventory Control Systems o II.1. Knowledge of drug product laws and regulations and professional standards related to obtaining medication supplies, durable medical equipment, and products (for example, Food, Drug and Cosmetic Act; Controlled Substances Act;

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			<p>Prescription Drug Marketing Act; USP-NF; NRC standards)</p> <ul style="list-style-type: none"> o II.10. Knowledge of regulatory requirements regarding record-keeping for repackaged products, recalled products, and refunded products <p>III. Participating in the Administration and Management of Pharmacy Practice</p> <ul style="list-style-type: none"> o III.6. Knowledge of required operational licenses and certificates o III.8. Knowledge of legal and regulatory requirements for personnel, facilities, equipment, and supplies (for example, space requirements, prescription file storage, cleanliness, reference materials, storage of radiopharmaceuticals) o III.11. Knowledge of state board of pharmacy regulations

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			<ul style="list-style-type: none"> o III.25. Knowledge of the Americans with Disabilities Act requirements (for example, physical accessibility) o III.30. Knowledge of legal requirements regarding archiving
Describe the federal requirements for controlled substance prescriptions and DEA controlled substance schedules.	English: 10.5, 11.5, 12.5 History and Social Science: GOVT.7, GOVT.8, GOVT.9	Health Science Events <ul style="list-style-type: none"> o Pharmacology Health Professions Events <ul style="list-style-type: none"> o Pharmacy Science 	
Describe the federal requirements for restricted drug programs and related medication processing.	English: 10.5, 10.8, 11.5, 12.5 History and Social Science: GOVT.7, GOVT.8, GOVT.9	Health Science Events <ul style="list-style-type: none"> o Pharmacology Health Professions Events <ul style="list-style-type: none"> o Pharmacy Science 	
Describe the current state and federal regulations regarding the practice of pharmacy.	English: 10.5, 10.8, 11.5, 11.8, 12.5, 12.8 History and Social Science: GOVT.7, GOVT.8, GOVT.9	Health Science Events <ul style="list-style-type: none"> o Medical Law and Ethics o Pharmacology Health Professions Events <ul style="list-style-type: none"> o Pharmacy Science Teamwork Events <ul style="list-style-type: none"> o HOSA Bowl 	

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Explain the role of professional ethics in the pharmacy workplace.	English: 10.3, 10.5, 11.3, 11.5, 12.3, 12.5 History and Social Science: GOVT.11	Health Science Events <ul style="list-style-type: none"> o Medical Law and Ethics o Pharmacology Health Professions Events <ul style="list-style-type: none"> o Pharmacy Science 	I. Assisting the Pharmacist in Serving Patients <ul style="list-style-type: none"> o I.1. Knowledge of federal, state, and/or practice site regulations, codes of ethics, and standards pertaining to the practice of pharmacy o I.73. Knowledge of confidentiality requirements
Determine the legal responsibilities of the pharmacy technician.	English: 10.5, 10.8, 11.5, 11.8, 12.5, 12.8	Health Science Events <ul style="list-style-type: none"> o Medical Law and Ethics o Medical Terminology o Pharmacology Health Professions Events <ul style="list-style-type: none"> o Pharmacy Science Teamwork Events <ul style="list-style-type: none"> o HOSA Bowl 	
Explain the importance of professional development for pharmacy technicians.	English: 10.5, 10.8, 11.5, 11.8, 12.5, 12.8 History and Social Science: GOVT.7, GOVT.8, GOVT.9	Health Science Events <ul style="list-style-type: none"> o Pharmacology Health Professions Events <ul style="list-style-type: none"> o Pharmacy Science 	III. Participating in the Administration and Management of Pharmacy Practice <ul style="list-style-type: none"> o III.6. Knowledge of required operational licenses and certificates o III.7. Knowledge of roles and responsibilities of pharmacists, pharmacy

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			technicians, and other pharmacy employees o III.11. Knowledge of state board of pharmacy regulations
Communicating in the Pharmacy Setting			
Demonstrate the basic knowledge of medical terminology, anatomy, and physiology as related to disease states and pharmacy care.	English: 10.3, 11.3, 12.3	Health Science Events o Medical Law and Ethics o Medical Spelling o Medical Terminology o Pharmacology Health Professions Events o Pharmacy Science	
Maintain patient, business, and personal confidentiality.	English: 10.5 History and Social Science: GOVT.7, GOVT.8, GOVT.9, GOVT.15, GOVT.16	Health Science Events o Medical Law and Ethics o Pharmacology Health Professions Events o Pharmacy Science	I. Assisting the Pharmacist in Serving Patients o I.1. Knowledge of federal, state, and/or practice site regulations, codes of ethics, and standards pertaining to the practice of pharmacy o I.2. Knowledge of pharmaceutical, medical, and legal developments which impact on the practice of pharmacy

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			<ul style="list-style-type: none"> o I.71. Knowledge of customer service principles o I.72. Knowledge of communication techniques o I.73. Knowledge of confidentiality requirements III. Participating in the Administration and Management of Pharmacy Practice <ul style="list-style-type: none"> o III.27. Knowledge of security procedures related to data integrity, security, and confidentiality
Practice patient and customer service.	English: 10.5 History and Social Science: GOVT.7, GOVT.8, GOVT.9	Health Science Events <ul style="list-style-type: none"> o Medical Law and Ethics o Pharmacology Health Professions Events <ul style="list-style-type: none"> o Pharmacy Science 	I. Assisting the Pharmacist in Serving Patients <ul style="list-style-type: none"> o I.1. Knowledge of federal, state, and/or practice site regulations, codes of ethics, and standards pertaining to the practice of pharmacy o I.2. Knowledge of pharmaceutical, medical, and legal developments which impact on the practice of pharmacy o I.71. Knowledge of customer service principles

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			o I.72. Knowledge of communication techniques
Applying Pharmacy Calculations			
Demonstrate knowledge of basic medical mathematical skills.	Mathematics: A.1, A.4	Health Science Events o Medical Math o Pharmacology	
Perform mathematical calculations.	History and Social Science: WHII.6 Mathematics: A.1, A.3, A.4, AII.3	Health Science Events o Medical Math o Pharmacology	
Incorporating Safety Procedures			
Provide a safe, clean, and comfortable environment for the client.		Health Science Events o Medical Law and Ethics o Pharmacology Health Professions Events o Pharmacy Science	I. Assisting the Pharmacist in Serving Patients o I.1. Knowledge of federal, state, and/or practice site regulations, codes of ethics, and standards pertaining to the practice of pharmacy o I.2. Knowledge of pharmaceutical, medical, and legal developments which impact on the practice of pharmacy o I.71. Knowledge of customer service principles

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			<p>II. Maintaining Medication and Inventory Control Systems</p> <ul style="list-style-type: none"> o II.22. Knowledge of policies, procedures, and practices regarding storage and handling of hazardous materials and wastes (for example, Materials Safety Data Sheet [MSDS]) <p>III. Participating in the Administration and Management of Pharmacy Practice</p> <ul style="list-style-type: none"> o III.8. Knowledge of legal and regulatory requirements for personnel, facilities, equipment, and supplies (for example, space requirements, prescription file storage, cleanliness, reference materials, storage of radiopharmaceuticals) o III.9. Knowledge of professional standards (for example, JCAHO) for personnel, facilities, equipment, and supplies

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			<ul style="list-style-type: none"> o III.12. Knowledge of storage requirements and expiration dates for equipment and supplies (for example, first-aid items, fire extinguishers) o III.14. Knowledge of hazardous waste disposal requirements o III.15. Knowledge of procedures for the treatment of exposure to hazardous substances (for example, eyewash) o III.16. Knowledge of security systems for the protection of employees, customers, and property o III.18. Knowledge of infection control policies and procedures o III.19. Knowledge of sanitation requirements (for example, handwashing, cleaning counting trays, countertop, and equipment) o III.24. Knowledge of documentation requirements for routine sanitation,

Task	SOL Correlations	HOSA Competitive Events (High School)	Pharmacy Technician Certification Board (PTCB) Examination Required Knowledge
			maintenance, and equipment calibration <ul style="list-style-type: none"> o III.25. Knowledge of the Americans with Disabilities Act requirements (for example, physical accessibility) o III.28. Knowledge of downtime emergency policies and procedures
Identify environmental safety hazards, prevention methods, and disaster plans.	English: 10.5, 11.5, 12.5	Health Science Events <ul style="list-style-type: none"> o Pharmacology Health Professions Events <ul style="list-style-type: none"> o Pharmacy Science 	I. Assisting the Pharmacist in Serving Patients <ul style="list-style-type: none"> o I.1. Knowledge of federal, state, and/or practice site regulations, codes of ethics, and standards pertaining to the practice of pharmacy o I.2. Knowledge of pharmaceutical, medical, and legal developments which impact on the practice of pharmacy o I.71. Knowledge of customer service principles II. Maintaining Medication and Inventory Control Systems

Task	SOL Correlations	HOSA Competitive Events (High School)	Pharmacy Technician Certification Board (PTCB) Examination Required Knowledge
			<ul style="list-style-type: none"> o II.22. Knowledge of policies, procedures, and practices regarding storage and handling of hazardous materials and wastes (for example, Materials Safety Data Sheet [MSDS]) III. Participating in the Administration and Management of Pharmacy Practice o III.8. Knowledge of legal and regulatory requirements for personnel, facilities, equipment, and supplies (for example, space requirements, prescription file storage, cleanliness, reference materials, storage of radiopharmaceuticals) o III.9. Knowledge of professional standards (for example, JCAHO) for personnel, facilities, equipment, and supplies o III.12. Knowledge of storage requirements and expiration dates for equipment and supplies (for

Task	SOL Correlations	HOSA Competitive Events (High School)	Pharmacy Technician Certification Board (PTCB) Examination Required Knowledge
			<p>example, first-aid items, fire extinguishers)</p> <ul style="list-style-type: none"> o III.14. Knowledge of hazardous waste disposal requirements o III.15. Knowledge of procedures for the treatment of exposure to hazardous substances (for example, eyewash) o III.16. Knowledge of security systems for the protection of employees, customers, and property o III.18. Knowledge of infection control policies and procedures o III.19. Knowledge of sanitation requirements (for example, handwashing, cleaning counting trays, countertop, and equipment) o III.24. Knowledge of documentation requirements for routine sanitation, maintenance, and equipment calibration o III.25. Knowledge of the Americans with

Task	SOL Correlations	HOSA Competitive Events (High School)	Pharmacy Technician Certification Board (PTCB) Examination Required Knowledge
			Disabilities Act requirements (for example, physical accessibility) o III.28. Knowledge of downtime emergency policies and procedures
Demonstrate general principles of asepsis.	English: 10.3, 10.5, 10.8, 11.3, 11.5, 11.8, 12.3, 12.5, 12.8 History and Social Science: WHII.4 Science: BIO.4	Health Science Events o Pharmacology	III. Participating in the Administration and Management of Pharmacy Practice o III.8. Knowledge of legal and regulatory requirements for personnel, facilities, equipment, and supplies (for example, space requirements, prescription file storage, cleanliness, reference materials, storage of radiopharmaceuticals) o III.9. Knowledge of professional standards (for example, JCAHO) for personnel, facilities, equipment, and supplies o III.12. Knowledge of storage requirements and expiration dates for equipment and supplies (for

Task	SOL Correlations	HOSA Competitive Events (High School)	Pharmacy Technician Certification Board (PTCB) Examination Required Knowledge
			<p>example, first-aid items, fire extinguishers)</p> <ul style="list-style-type: none"> o III.18. Knowledge of infection control policies and procedures o III.19. Knowledge of sanitation requirements (for example, handwashing, cleaning counting trays, countertop, and equipment) o III.24. Knowledge of documentation requirements for routine sanitation, maintenance, and equipment calibration o III.28. Knowledge of downtime emergency policies and procedures
Describe standard precautions and infectious disease control measures.	<p>English: 10.5, 11.5, 12.5</p> <p>Science: BIO.4</p>	<p>Health Science Events</p> <ul style="list-style-type: none"> o Pharmacology <p>Health Professions Events</p> <ul style="list-style-type: none"> o Pharmacy Science 	<p>I. Assisting the Pharmacist in Serving Patients</p> <ul style="list-style-type: none"> o I.1. Knowledge of federal, state, and/or practice site regulations, codes of ethics, and standards pertaining to the practice of pharmacy o I.2. Knowledge of pharmaceutical, medical, and legal developments which

Task	SOL Correlations	HOSA Competitive Events (High School)	Pharmacy Technician Certification Board (PTCB) Examination Required Knowledge
			<p>impact on the practice of pharmacy</p> <p>II. Maintaining Medication and Inventory Control Systems</p> <ul style="list-style-type: none"> o II.22. Knowledge of policies, procedures, and practices regarding storage and handling of hazardous materials and wastes (for example, Materials Safety Data Sheet [MSDS]) <p>III. Participating in the Administration and Management of Pharmacy Practice</p> <ul style="list-style-type: none"> o III.8. Knowledge of legal and regulatory requirements for personnel, facilities, equipment, and supplies (for example, space requirements, prescription file storage, cleanliness, reference materials, storage of radiopharmaceuticals) o III.9. Knowledge of professional standards (for example, JCAHO) for

Task	SOL Correlations	HOSA Competitive Events (High School)	Pharmacy Technician Certification Board (PTCB) Examination Required Knowledge
			personnel, facilities, equipment, and supplies o III.14. Knowledge of hazardous waste disposal requirements o III.15. Knowledge of procedures for the treatment of exposure to hazardous substances (for example, eyewash) o III.18. Knowledge of infection control policies and procedures o III.19. Knowledge of sanitation requirements (for example, handwashing, cleaning counting trays, countertop, and equipment) o III.24. Knowledge of documentation requirements for routine sanitation, maintenance, and equipment calibration
Demonstrate sterilization and sanitation procedures.	English: 10.5, 11.5, 12.5	Health Professions Events o Pharmacy Science	III. Participating in the Administration and Management of Pharmacy Practice o III.8. Knowledge of legal and regulatory

Task	SOL Correlations	HOSA Competitive Events (High School)	Pharmacy Technician Certification Board (PTCB) Examination Required Knowledge
			<p>requirements for personnel, facilities, equipment, and supplies (for example, space requirements, prescription file storage, cleanliness, reference materials, storage of radiopharmaceuticals)</p> <ul style="list-style-type: none"> o III.18. Knowledge of infection control policies and procedures o III.19. Knowledge of sanitation requirements (for example, handwashing, cleaning counting trays, countertop, and equipment) o III.24. Knowledge of documentation requirements for routine sanitation, maintenance, and equipment calibration
Identify laws and standards concerning infectious and hazardous waste.	<p>English: 10.5, 10.8, 11.5, 11.8, 12.5, 12.8</p> <p>History and Social Science: GOVT.9</p> <p>Science: CH.1</p>	<p>Health Science Events</p> <ul style="list-style-type: none"> o Medical Law and Ethics o Pharmacology <p>Health Professions Events</p> <ul style="list-style-type: none"> o Pharmacy Science 	<p>I. Assisting the Pharmacist in Serving Patients</p> <ul style="list-style-type: none"> o I.1. Knowledge of federal, state, and/or practice site regulations, codes of ethics, and standards pertaining to the practice of pharmacy

Task	SOL Correlations	HOSA Competitive Events (High School)	Pharmacy Technician Certification Board (PTCB) Examination Required Knowledge
			<ul style="list-style-type: none"> o I.2. Knowledge of pharmaceutical, medical, and legal developments which impact on the practice of pharmacy III. Participating in the Administration and Management of Pharmacy Practice o III.8. Knowledge of legal and regulatory requirements for personnel, facilities, equipment, and supplies (for example, space requirements, prescription file storage, cleanliness, reference materials, storage of radiopharmaceuticals) o III.14. Knowledge of hazardous waste disposal requirements
Introducing Prescription and Over-the-Counter Drugs			
Use pharmaceutical references and resources.		Health Science Events <ul style="list-style-type: none"> o Pharmacology Health Professions Events <ul style="list-style-type: none"> o Pharmacy Science 	
Describe the federal agencies involved in	English: 10.5, 10.8, 11.5, 11.8, 12.5, 12.8	Health Science Events <ul style="list-style-type: none"> o Pharmacology 	

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drug approvals, classifications, and recalls.	History and Social Science: GOVT.7, GOVT.8, GOVT.9	Health Professions Events o Pharmacy Science	
Describe the drug classification system.	English: 10.5, 10.8, 11.5, 11.8, 12.5, 12.8 History and Social Science: GOVT.7, GOVT.8, GOVT.9	Health Science Events o Pharmacology Health Professions Events o Pharmacy Science	
Explain the naming convention of drugs.	English: 10.5, 11.5, 12.5	Health Science Events o Pharmacology Health Professions Events o Pharmacy Science	
Identify the therapeutic classes of drugs.	English: 10.5, 10.8, 11.5, 11.8, 12.5, 12.8	Health Science Events o Pharmacology Health Professions Events o Pharmacy Science	