



# PRE-PHARMACY TECHNOLOGY

## Program of Study One Year Program



**Career Cluster:** Health Science

**Career Cluster Pathway:** Therapeutic Services

*This Career Pathway Program of Study can serve as a guide along with other career planning materials as learners continue on a career path. Courses listed within this program are only recommended coursework and should be individualized to meet each learner's education and career goals. The courses outlined below are only RECOMMENDATIONS. Course offerings may vary from high school to high school. Additionally, a PPR (Personalized Pathway Requirement) may be used in lieu of some of the World Language and/or Art credit requirement. See your high school counselor for additional graduation requirement information.*

**PPR – Personal Pathway Requirement**

\*World Language - requirement can be met through a PPR however **world language is required** at 4-year universities and is highly recommended for individuals going into health care \* Art – 1.0 credit may be met through a PPR

EDUCATION LEVELS	GRADE	English/ Language Arts	Math	Science	Social Studies	Other Requirements	Electives	Summer School Offerings High School Credit Free of Charge
MS	6-8	Grade Level ELA	Grade Level Math	Grade Level Science	Grade Level Social Studies		STEM Classes	<b>Summer School Available After the 8<sup>th</sup> Grade Year</b>
High School	9	ELA 9	Integrated Math I OR Intensive Integrated Math I	Grade Level Science		PE Health World Language* Art**	<b>CTE &amp; Elective Options Health Sciences</b>  <ul style="list-style-type: none"> <li>● Intro to Medical Careers</li> <li>● Anatomy and Physiology (DC)</li> <li>● Anytime Fitness (DC)</li> <li>● Sports Medicine 1 (DC)</li> <li>● Sports Medicine 2 (DC)</li> <li>● Biotechnology</li> </ul>	<b>PCSC Summer School</b>  Medical Careers, Pre-Physical Therapy OR Pre-Pharmacy at PCSC  See PCSC Summer School application for additional course offerings at other PCSC summer school locations. Offerings also include CTE classes that may satisfy academic credit graduation requirements – specifically in art, PE, and health.
	10	ELA 10	Integrated Math II	Grade Level Science	World Studies OR HIST 103 (CHS/EWU)	PE World Language* Art**		
	11	ELA 11 OR ENGL 101 (CHS/EWU)	Integrated Math III	Grade Level Science	US Studies OR AP US	PE	<b>Junior Year Options at PCSC:</b> Pre-Physical Therapy Pre-Veterinary Technology	
	12	ELA 12 OR ENGL 170 (CHS/EWU)	Consumer Math <b>OR</b> Math 101 (College Ready Math – CHS/CWU) Math 153 & 154 (Pre-Calculus) <b>OR</b> Math 172 & 173 (AP Calculus) (CHS/CWU)	<b>2.0 Science Credit Pre-Pharmacy Technology at PCSC</b>	Civics & Economics OR POLS 210 (CHS/CWU)	<b>Pre-Pharmacy Technology at PCSC</b> <b>1.0 Health Credit</b> <b>1.0 Anat \$ Phys Credit</b>	<b>Pre-Pharmacy Technology at PCSC</b>	
<b>Credit Equivalency, Certifications &amp; Dual Credit</b>	<b>High School Credit Equivalency:</b> 1.0 Science – Anatomy & Physiology 1.0 Science – Life Science 1.0 Health 1.5 CTE/Elective			<b>Certifications Earned at PCSC:</b> Pharmacy Assistant WA State HIV/AIDS Precision Exam First Aid/CPR Bloodborne Pathogens HIPAA			<b>Articulation/Dual Credit:</b> Bates – Up to 4 credits Clover Park Technical College – Up to 7.5 credits Pierce College – Up to 7 credits  <i>Articulation agreements and number of credits are subject to change</i>	

<b>Clubs and Extracurricular Activities</b>	<b>WCTSMA</b> <b>Washington Career and Technical Sports Medicine Association</b>	<b>OMS WCTSMA Advisor:</b> N/A	<b>OHS WCTSMA Advisor:</b> Sports Medicine Club Renee Romo romor@orting.wednet.edu
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## Additional Program Information

### Course Description

The Pre-Pharmacy Technology program introduces students to the skills needed for entry-level positions in retail, hospital or mail-order pharmacies. Students will learn how to process prescriptions, prepare IV medications, order and stock medications, as well as operate and troubleshoot automated drug dispensing systems. Students will also learn about disease, medication therapy, anatomy & physiology and medical terminology. This program will provide a foundation for students who want to pursue a career as a pharmacy technician or pharmacist.

<b>Course Outline</b> <ul style="list-style-type: none"> <li>● Personal/Interpersonal Knowledge &amp; Skills</li> <li>● Foundational Professional Knowledge &amp; Skills</li> <li>● Processing &amp; Handling of Medications and Medication Orders</li> <li>● Sterile &amp; Non-Sterile Compounding</li> <li>● Procurement, Billing, Reimbursement &amp; Inventory Management</li> <li>● Patient &amp; Medication Safety</li> <li>● Technology &amp; Informatics</li> <li>● Regulatory Issues</li> <li>● Disease &amp; Medication Therapy</li> <li>● Medical Terminology</li> <li>● Anatomy &amp; Physiology</li> </ul>	<b>Local Public Post-Secondary Options</b> <ul style="list-style-type: none"> <li>● Clover Park Technical College</li> <li>● Pierce College</li> <li>● Tacoma Community College</li> <li>● University of Washington</li> <li>● Washington State University</li> <li>● Renton Technical College</li> </ul>										
<b>Careers &amp; Job Outlook</b> The information provided below is from the Washington State Employment Security Department.  <a href="https://esd.wa.gov/labormarketinfo/learn-about-an-occupation#/details">https://esd.wa.gov/labormarketinfo/learn-about-an-occupation#/details</a>  <table border="0"> <thead> <tr> <th style="text-align: left;">Occupation</th> <th style="text-align: left;">Annual Salary</th> </tr> </thead> <tbody> <tr> <td>Medical Assistant</td> <td>\$46,529</td> </tr> <tr> <td>Pharmacy Assistant/Aides</td> <td>\$35,375</td> </tr> <tr> <td>Pharmacist</td> <td>\$127,399</td> </tr> <tr> <td>Retail Pharmacy Technician</td> <td>\$46,721</td> </tr> </tbody> </table>	Occupation	Annual Salary	Medical Assistant	\$46,529	Pharmacy Assistant/Aides	\$35,375	Pharmacist	\$127,399	Retail Pharmacy Technician	\$46,721	<b>Additional career and outlook information can be found on the following websites:</b>  <a href="http://www.bls.gov">www.bls.gov</a> <a href="http://www.careerbridge.wa.gov">www.careerbridge.wa.gov</a>
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