

# PROGRAM OF STUDY



Career Cluster: Health Science

Career Cluster Pathway: Health Informatics

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. **Note:** Many items have links to external resources with more information.

REQUIRED CREDITS	GRADE	English/ Language Arts (4.0 credits)	Social Studies (2.5 credits)	Math (2.0 credits)*	Science (2.0 credits)	Fine Arts (1.0 credits)	Health/ Fitness (2.5 credits)**	Electives (6.5 credits)	Related Career & Technical/ Occupational (1.0 credits)  Certificate and Tech Prep (notation on HS and TP alignment)	SAMPLE Occupations Relating To This Pathway  (*indicates job in high demand) (☺ indicates a "green" job)	
<b>SECONDARY SAMPLE COURSE OFFERINGS</b>	9	English 1 or Honors English 1	Pacific Northwest History (.5)	Algebra I  Geometry	Integrated Science or Adv Int Science	Credits from Art Courses  <b>or</b>  CTE Equivalent	Health (.5)	Elective courses (6.5)  <b>and</b>  Project Me  <b>and</b>  Other CAA requirements	<b>ASD CTE COURSE OPTIONS</b>  Digital Communications Digitools Family Health Work Based Learning CTE Grad Project  <b>LEADERSHIP</b>  FBLA Skills USA  <b>TECH PREP ARTICULATIONS</b>  Digital Communications/Digitools – Grays Harbor College (3cr.)  <b>CERTIFICATION</b>  Work Readiness Credential	<b>Some Preparation</b> <ul style="list-style-type: none"> <li>• Medical Equipment Preparers*</li> <li>• Occupational Therapist Aides</li> <li>• Admitting Clerk</li> <li>• Community Services Specialist</li> <li>• Data Analyst</li> <li>• Health Information Coder</li> <li>• Medical Biller</li> <li>• Patient Financial Services Representative</li> <li>• Pharmacy Services Associate</li> </ul> <b>Medium Preparation</b> <ul style="list-style-type: none"> <li>• Medical Assistants*</li> <li>• Medical Records and Health Information Technicians*</li> <li>• Medical Transcriptionists*</li> <li>• Unit Coordinator</li> <li>• Reimbursement Specialist</li> </ul> <b>Considerable Preparation</b> <ul style="list-style-type: none"> <li>• Ethicist</li> <li>• Health Care Administrator</li> <li>• Health Educator</li> <li>• Public Health Educator</li> <li>• Utilization Manager</li> </ul> <b>Extensive Preparation</b> <ul style="list-style-type: none"> <li>• Applied Researcher</li> <li>• Epidemiologist</li> <li>• Medical and Health Services Managers*</li> <li>• Medical Librarian/Cybrarian</li> <li>• Risk Manager</li> </ul>	
	10	English 2 or Honors English 2	US History	*Class of 2013 (add't 1.0 credit)  <b>or</b>  Algebra II  <b>or</b>	Biology <b>or</b> AP Biology <b>or</b> Biotechnology <b>or</b> Horticulture <b>or</b> Natural Resources I		Credits from Health and Fitness Courses				**Successfully completing two years of physical education and one semester of health is required for high school graduation.
	11	English Electives or Business English	World History <b>or</b> Economics <b>or</b> Economics II	Pre-Calculus  <b>or</b>  Calculus  <b>or</b>  CTE Equivalent							
	12	English Electives or Business English	World History <b>or</b> Economics <b>or</b> Economics II <b>and</b> CWP	CTE Equivalent  (Students must pass a math competency test or have four years of math credits.)							

<b>Technical Certification</b> <i>(instruction provided through certified training and/or testing centers)</i>	<b>Apprenticeship Opportunities</b>	<b>2-yr or ATA Degree</b> <i>(Find specific colleges at <a href="http://www.checkoutcollege.com">www.checkoutcollege.com</a>)</i>	<b>4 –yr Degree or Advanced Training</b>
<p><b><u>Health Information/Medical Records Technology</u></b></p> <ul style="list-style-type: none"> <li>• Apollo College</li> <li>• Clark College</li> <li>• Edmonds Community College</li> <li>• Grays Harbor College</li> <li>• Skagit Valley College</li> <li>• Spokane Community College</li> <li>• Tacoma Community College</li> </ul> <p><b><u>Health System/Health Services Administration</u></b></p> <ul style="list-style-type: none"> <li>• Bellingham Technical College</li> <li>• Bryman College</li> <li>• Clover Park Technical College</li> <li>• Renton Technical College</li> </ul> <p><b><u>Medical Insurance Coding</u></b></p> <ul style="list-style-type: none"> <li>• Bellingham Technical College</li> <li>• Clark College</li> <li>• Clover Park Technical College</li> <li>• Everest College</li> <li>• Everett Community College</li> <li>• Grays Harbor College</li> <li>• Green River Community College</li> <li>• Highline Community College</li> <li>• Lower Columbia College</li> <li>• Renton Technical College</li> <li>• Shoreline Community College</li> <li>• Spokane Community College</li> <li>• Tacoma Community College</li> <li>• Whatcom Community College</li> <li>• Yakima Valley Community College</li> </ul> <p><b><u>Medical/Clinical Assisting</u></b></p> <ul style="list-style-type: none"> <li>• Grays Harbor College and various other technical and community colleges</li> </ul> <p><b><u>Medical Transcription</u></b></p> <ul style="list-style-type: none"> <li>• Grays Harbor College and various other technical and community colleges</li> </ul> <p><b><u>Nursing Assistant/Aide</u></b></p> <ul style="list-style-type: none"> <li>• Some technical and community colleges</li> </ul>	<p>To learn more about Apprenticeship, visit <a href="#">Labor and Industries</a> website.</p> <p>This pathway does not currently have any active apprenticeships.</p>	<p><b><u>Health Information/Medical Records Technology</u></b></p> <ul style="list-style-type: none"> <li>• Edmonds Community College</li> <li>• Shoreline Community College</li> <li>• Spokane Community College</li> <li>• Tacoma Community College</li> </ul> <p><b><u>Medical Administrative Assistant</u></b></p> <ul style="list-style-type: none"> <li>• Grays Harbor College and various other technical and community colleges</li> </ul> <p><b><u>Medical/Clinical Assisting</u></b></p> <ul style="list-style-type: none"> <li>• Grays Harbor College and various other technical and community colleges</li> </ul> <p><b><u>Medical Insurance Coding</u></b></p> <ul style="list-style-type: none"> <li>• Renton Technical College</li> <li>• Yakima Valley Community College</li> </ul> <p><b><u>Medical Transcription</u></b></p> <ul style="list-style-type: none"> <li>• Columbia Basin College</li> </ul> <p><b><u>Nursing Assistant/Aide</u></b></p> <ul style="list-style-type: none"> <li>• Some technical and community colleges</li> </ul> <p><b><u>Occupational Therapy Asst</u></b></p> <ul style="list-style-type: none"> <li>• Green River Community College</li> </ul>	<p><b><u>Health System/Health Services Administration</u></b></p> <ul style="list-style-type: none"> <li>• City University</li> <li>• Eastern Washington University</li> <li>• Seattle University</li> <li>• University of Washington</li> <li>• Washington State University</li> </ul> <p><b><u>Medical Technology</u></b></p> <ul style="list-style-type: none"> <li>• Seattle University</li> <li>• University of Washington</li> </ul>

\*Data acquired from [www.workforceexplorer.com](http://www.workforceexplorer.com), [www.sbctc.edu](http://www.sbctc.edu), [www.careerclusters.org](http://www.careerclusters.org), and [www.edf.org/cagreenjobs](http://www.edf.org/cagreenjobs),

Adapted from <http://www.nthurston.k12.wa.us/education/components/scrapbook/default.php?sectiondetailid=34988>