

# Health Informatics

Career Cluster Description: Planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development							
Major Options							
<ul style="list-style-type: none"> <li>Admitting Clerk</li> <li>Healthcare Administrator</li> </ul>		<ul style="list-style-type: none"> <li>Medical Biller / Patient Financial Service</li> <li>Health Information Coder</li> </ul>		<ul style="list-style-type: none"> <li>Transcriptionist</li> <li>Social Worker</li> </ul>		<ul style="list-style-type: none"> <li>Patient Advocate</li> <li>Medical Assistant</li> </ul>	
Grade 9		Grade 10		Grade 11		Grade 12	
S1	S2	S1	S2	S1	S2	S1	S2
English 1	English 1	English 2	English 2	English Elective	English Elective	English Elective	English Elective
Physical Science	Physical Science	Biology	Biology	Anatomy & Physiology	Anatomy & Physiology	Chemistry	Chemistry
Civics	Health	World History	World History	U.S. History	U.S. History	U.S. Govern.	AK History
Algebra I	Algebra I	Geometry	Geometry	Algebra 2	Algebra 2	Advanced Math	Advanced Math
P.E.	P.E.	Technology Applications 1*	Technology Applications 2*	Technology Applications 3*	Psychology	Medical Billing & Coding	Medical Billing & Coding
Customer Service	Intro to Career Pathways	Business Elective	Business Elective	Business Elective	Medical Office Procedures	Business Elective	Business Elective
Health Occupations	Elective	Intro to Pharmacy	Medical Math	Medical Terminology*	Medical Terminology*	Pharmacy Technician	Pharmacy Technician
Work-Based Learning Opportunities				Career-Technical Student Organizations (CTSO)		Certifications	
<ul style="list-style-type: none"> <li>Apprenticeship</li> <li>Cooperative Education</li> <li>Job Shadowing</li> </ul>		<ul style="list-style-type: none"> <li>Paid/Unpaid Internship</li> <li>School-Based Enterprise</li> <li>Service Learning</li> </ul>		<ul style="list-style-type: none"> <li>SkillsUSA</li> <li>HOSA</li> </ul>		<ul style="list-style-type: none"> <li>CPR/First Aid</li> </ul>	

## POSTSECONDARY OPTIONS

Two-Year College or Proprietary Programs	Adult Registered Apprenticeships	Four-Year College and University Programs	Certifications	Licenses, On The Job Training, Training Certificates, etc.
<ul style="list-style-type: none"> <li>Health Sciences</li> </ul>	Department of Labor and Workforce Development, Office of Apprenticeship, email <a href="mailto:apprenticeship@alaska.gov">apprenticeship@alaska.gov</a> or your local Alaska Job Center staff who will help you identify apprenticeable occupations and help you prepare for your future. You may also call (877) 724-2539	<ul style="list-style-type: none"> <li>Medical Technology</li> <li>Registered Nurse</li> <li>Pre Med</li> <li>Pharmacy</li> </ul>	<ul style="list-style-type: none"> <li>CPR</li> <li>First Aid</li> </ul>	<ul style="list-style-type: none"> <li>Medical Assistant</li> <li>Pharmacy Technology</li> </ul>

\*College Credits may be available. [Click here for details.](#)