

Career Cluster Health Sciences
Pathway (& Major) Healthcare Provider

District Name: SAMPLE
Date: November 2008

Career Cluster Description: The Health Sciences career cluster prepares learners to enter an industry which includes planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services and biotechnology research and development. Jobs in this cluster have been identified as high demand, high skill and high wage by the Alaska Dept. of Labor.

Middle School Exploratory Options

7 th -	7 th -	8 th - AKCIS Portfolio	8 th - AKCIS Portfolio WIN Placement Test
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RECOMMENDED SECONDARY CAREER DEVELOPMENT SCHEDULE (CTE Classes are Boldface font)

9 th Grade		10 th Grade		11 th Grade		12 th Grade	
Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2
Career Clusters Interest Inventory, AKCIS Portfolio		SBA/HSGQE, Career Interest Inventory, AKCIS Portfolio		WorkKeys, PSAT, SAT, ACT, Accuplacer/Compass, AKCIS Portfolio		SAT, ACT, Accuplacer/Compass, AKCIS Portfolio	
English 1	English 1	English 2	English 2	English 3	English 3	English 4(<i>Technical Writing I</i>)	English 4(<i>Technical Writing II</i>)
Physical Science	Physical Science	Science 2 (<i>Biology</i>)	Science 2 (<i>Biology</i>)	Science 3 (<i>Chemistry</i>)	Science 3 (<i>Chemistry</i>)	Human Anatomy and Physiology I BIOL S111 (4 cr)	Human Anatomy and Physiology I BIOL S112 (4 cr)
Computer App I	Computer App II	World History	World History	U.S. History	U.S. History	Government	Alaska History
Algebra 1	Algebra 1	Geometry	Geometry	Algebra 2	Algebra 2	<i>Trig/Pre-calculus or</i>	MATH S105 Interm Algebra (4 cr)
Physical Education	Physical Education	Introduction to Health Sciences	Issues in Healthcare	Medical Terminology HS S135 (3 cr)	Communication Skills	Clinical and Diagnostic Skills	Public Health
Health	Career planning	<i>World Language</i>	<i>World Language</i>	Fundamentals of CPR / First Aid HS S102 (1 cr)		Alaska Healthcare Issues	Senior project or Co-op Work Experience
MOS				American Heart Association 1st Aid AHA Healthcare Provider CPR			

Work-Based Learning Opportunities	Career-Technical Student Organizations	Certifications
<ul style="list-style-type: none"> • Apprenticeship • Cooperative Education ▪ Job Shadowing 	<ul style="list-style-type: none"> • Paid/Unpaid Internship • Service Learning 	<ul style="list-style-type: none"> • Health Occupations Students of America (HOSA)
		<ul style="list-style-type: none"> American Heart Association First Aid AHA CPR Healthcare Provider Blood Borne Pathogen Training HIPAA training

POSTSECONDARY OPTIONS

One or Two-Year Post-	Adult Registered	Four-Year College and	Occupational Certifications &	On The Job Training, Skill
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secondary Programs	Apprenticeships	University Programs	Licenses	Training Certificates, etc.
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POSTSECONDARY PROGRAM: AAS Health Sciences at UAS Juneau

Year 13		Year 14		Year 15		Year 16	
Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2
ENGL S111 Methods of Written Communication (3 cr)	ENGL S211 Technical Report Writing (3 cr)	COMM S235 Small Group Communication & Team Building (3 cr)					
MATH S105 Intermediate Algebra (4 cr)	CHEM S103 Introduction to General Chemistry (4 cr)	CHEM S104 A survey of Organic and Biochemistry (4 cr)	HS S202 Community Health Promotion (4 cr)				
BIOL S111 Human Anatomy and Physiology-I (4 cr)	BIOL S112 Human Anatomy and Physiology-II (4 cr)	BIOL S240 Introductory Microbiology (4 cr)	HS S270 Pathology (3 cr)				
HS S101 Introduction to the Health Sciences (3 cr)	PSY S101 Introduction to Psychology (3 cr)	HS F220 Ethics, Values and Social Work Practice (3 cr)	PSY S250 Lifespan Development (3 cr)				
HS S107 Planning Your Career in Healthcare (1 cr)	HS S135 Medical Terminology (3 cr)	HS S203 Science of Nutrition (3 cr)	HS 291 Health Sciences Internship (3 cr)				
	HS S102 Fundamentals of CPR and First Aid (1 cr)						
15 credits	18 credits	17 credits	13 Credits				

Outcome: AAS Health Services, UAS Juneau

Total Credits: 63

Possible completed credits from high school Health Sciences career track: **16**
 (Classes possible to complete at high school level are **BOLDFACE**)

Developed by: Don Levine, EED CTE