



Health and Medical Services Career Pathway

Education Planning Guide for Middle School and Beyond



This Career Pathway, along with other career planning materials, serves as a guide to assist students in the Auburn School District in developing a relevant middle-to-high school plan that will prepare them for further education and/or employment in the **Health Sciences Career Cluster**. The career pathway outlined below can be individualized to meet each learner's education and career goals. It allows students to earn high school credits while completing coursework in middle school, earn college credits while completing coursework within high school, and apply those credits toward attainment of a college certificate and/or degree. It is important to share and review this plan with a parent/guardian and school counselor.

EDUCATION LEVELS	GRADE	English/ Language Arts	Social Studies	Science	Math	Other Required Courses Other Electives Recommended Electives Learner Activities Leadership Activities	Career & Technical Courses And/or Degree Major Courses	Auburn School District Graduation Requirements		
<i>Interest Inventory Administered and Plan of Study Initiated for all Learners</i>										
MS	8	Successfully complete required coursework for 6th, 7th and 8th grade, and these electives →			Biology 1 & 2, Health, Science 1, 2 & 3 and STEM Fundamentals of IT					
	SECONDARY	9	Language Arts	(.5) World Studies or AP Human Geography	Science (1.0) Next Gen or Biology	Algebra I	(2.0) Credit from Fine Arts or Course Equivalencies	Orientation or Career Choices	Preventive Medicine*	
		10	Language Arts	Global Issues (.5) or AP Euro	Science (1.0) Next Gen or Chemistry	Geometry		(.5) 10th Grade Health	Minimum of two years of the same world language are required for students planning to enroll at a four-year university	Human Anatomy* and Physiology 1, 2*
		11	American Literature 1, 2	U. S. History or AP U. S. History	Chemistry	Advanced Algebra and Trig		(1.5) Credits From Fitness Courses		Sports Medicine I*
		College Placement Assessments-Academic/Career Advisement Provided								Sports Medicine II*
12	Senior English Electives	Civics (.5) and Elective (.5) or AP American Government (1.0)	Physics or AP Biology or AP Chemistry	AP Statistics or Pre-Calculus						
<p>Credit Requirements (24.0 credits total):</p> <ul style="list-style-type: none"> 4.0 credits - English 3.0 credits - Social Studies 3.0 credits – Math 3.0 credits - Science 1.5 credits – Fitness 0.5 credits – Health 2.0 credits – Arts ** 2.0 credits – World Language ** 1.0 credits – Career and Technical 4.0 credits - Electives <p>Additional Requirements:</p> <ul style="list-style-type: none"> • High School and Beyond Plan • Culminating Project/Portfolio • Certificate of Academic Achievement or Approved Alternative 										
<p><i>*Students who earn a “C” or better in the above (*) courses may be eligible for college credit. See page 3 for more information. **Credits may be applied in a chosen career pathway.</i></p>										



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POST SECONDARY	<p>The Post-High School program options listed below for this Career Pathway represents just some examples of options available within the Puget Sound area, including programs where agreements for dual credit exist between the college and school district. For other options available related to this program of study, visit your career center or the websites of local colleges.</p>	
	Apprenticeship Opportunities	<p>To learn more about apprenticeships in this program, go to: Apprenticeship Registration & Tracking Examples: Cosmetologist, Dispensing Optician, Manicurist, Esthetician, Ocularist, School Health Technician.</p>
	Earn Certificate and Enter Workforce	<p>To learn more about certificate programs, go to: Renton Technical College, Green River College, Highline College Examples: Anesthesia Technician, Massage Therapy Practitioner, Nursing Assistant, Surgical Technician, Veterinary Assistant, Forensic and Fingerprint Technology, Fundamentals of Caregiving, Medical Office Assistant, Medical Assistant</p>
	Military	<p>To learn more about Military education and training programs, go to: todaysmilitary.com , defense.gov</p>
	Associate Degree Transitions	<p>To learn more about Associate degrees, go to: Green River College , Highline College Examples: Dental Assistant, Pharmacy Technician, Registered Nurse, Forensic Technology, Physical Therapy Assistant, Occupational Therapy Assistant, Nursing, Biology—Pre Medicine and Pre-Dental, Medical Assistant, Personal Fitness Trainer, Respiratory Care.</p>
	4 year University	<p>To learn more about Bachelor and beyond degrees, go to: University of Washington, Washington State University , Central Washington University, Pacific Lutheran University Examples: Pre-Medicine, Health Sciences, Nutrition Exercise and Health Science, Nursing.</p>

Students intending to earn an Associate Degree and transition to a 4-year University can use the below section to list appropriate classes.

COURSE CODE	CREDIT	COURSE NAME	COURSE CODE	CREDIT	COURSE NAME



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The Health and Medical Services Career Pathway prepares students for a wide variety of health and medical careers. Students are prepared to apply skills in leadership, anatomy and physiology, patient care, injury evaluation, rehabilitation and nutrition's role in health. Students will explore career areas such as physical therapy, athletic training, emergency medical services, nursing, pharmacy, medical office and radiology.

Occupational Information

The following represent occupations within this field and their average annual earnings and openings based on data from the Washington State Employment Security Department. For more information about these and other occupations within this field, go to <https://esd.wa.gov/labormarketinfo>

<u>Occupation</u>	<u>Washington State Projected Openings</u>		<u>Earnings</u>
	<u>2016-2026</u>		
Registered Nurse	2,588		\$ 75,793 yr.
Home Health Aide	436		\$ 23,540 yr.
Massage Therapist	330		\$ 30,264 yr.
Pharmacist	266		\$112,163 yr.
Radiology Technician	199		\$ 66,303 yr.
Emergency Medical Technician	144		\$ 47,296 yr.
Surgical Technician	102		\$ 48,803 yr.
Surgeon	59		\$ 258,439 yr.
Exercise Physiologist	30		\$ 58,550 yr.
Athletic Trainer	30		\$ 44,435 yr.

Post-High School Connections

The following courses within this program of study may be eligible for college credit at several local colleges if students earn a "C" or better:

<u>High School Course</u>	<u>Credits Possible</u>	<u>College</u>	<u>College Course</u>
Sports Medicine I or II	5	Highline Community College Renton Technical College	PFT 245, PFT 250 HCPCS101, HLTH 101
Anatomy and Physiology 1, 2		Highline Community College Renton Technical College	MED A113, MED A125, MED A143, MED A161, MED A201, MED A209, MED A217, MED A233, MED A243, MED A251, MED A263 MAPS 103
Preventative Medicine	5	Highline Community College	PFT 120

Student Leadership Development



Washington Career & Technical Sports Medicine Association provides educational experiences for students in trade programs, technical and skilled service occupations, including health occupations. HOSA is a student organization whose mission is to promote career opportunities in health care and to enhance the delivery of quality health care to all people. These organizations develop leadership, teamwork, citizenship and promote involvement in community service activities. Emphasis is placed on total quality at work, high ethical standards, lifelong education and superior work skills. For additional leadership opportunities at your high school, please contact your Career and Technical Education teacher.

Scholarship Opportunities

For local, state, and national scholarship opportunities, please visit your counseling and/or career center, Career Cruising www.CareerCruising.com, WOIS www.wois.org, thecareemap.org or Fast Web www.FastWeb.com.

For more information about this Career Pathway, contact an instructor, a school counselor or a career specialist.



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