



Web and Digital Communication Program of Study



Education Planning Guide for Middle School and Beyond

This program of study, 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 Education and Training career cluster. The program of study 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.

Auburn SD Component of Program of Study	Grade	English	Social Studies	Science	Math	Health/ Fitness	Arts	Career and Technical	Related Electives	Auburn School District Graduation Requirements
	Middle School	Successfully complete required coursework for 6 th , 7 th and 8 th grade, and these electives →						STEM Fundamentals of IT, STEM Computer Science		<u>Credit Requirements (24.0 credits total):</u> 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 <u>Additional Requirements:</u> ● High School and Beyond Plan ● Culminating Project/Portfolio ● Certificate of Academic Achievement or Approved Alternative
	9	Language Arts			Algebra I		2.0 Credit from Fine Arts or Course Equivalencies such as Visual Communications	Digitools*	Orientation or Career Choices	
	10	Language Arts			Geometry			Microsoft Office Specialist 1, 2*	Minimum of two years of the same world language are required for students planning to enroll at a four-year university	
	11	American Literature 1, 2			Advanced Algebra and Trig			Worldwide Web Publishing 1, 2		
	12	Senior English Electives			AP Computer Science			Worldwide Web Publishing 3, 4		

**Students who earn a "B" or better in these courses may be eligible for college credit. See page 2 for more information. **Credits may be applied in a chosen career pathway*

Post - High Program of Study	Apprenticeship Opportunities	Earn a Certificate and Enter the Workforce	Earn an Associate's Degree and transition to a 4-year university or enter the workforce	Earn a 4-year college degree, and then enter the workforce
	To learn more about apprenticeships in this program, go to: Apprenticeship Registration & Tracking Technical Writer Computer Programmer	Renton Technical College Applications Developer Highline Community College Pre-Web Certificate Client Side Scripting Certificate Server Side Scripting Certificate Mobile App Development Certificate	Renton Technical College Computer Science Green River Community College Computer Science Highline Community College Web/Database Developer	University of Washington Computer Science Washington State University Digital Technology and Culture Computer Science Central Washington University IT and Administrative Management Western Washington University Computer Science

The Post-High School program options listed above for this Program of Study represent 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..



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Web Design students apply HTML, CSS, JavaScript, graphic applications, and other authoring tools to the design, editing, and publishing of documents, images, graphics, sound, and multimedia products of the World Wide Web.

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 2016-2026</u>	<u>Earnings</u>
Web Developer	259	\$73,422 yr.
Computer Systems Analyst	622	\$96,096 yr.
Computer Programmer	677	\$94,657 yr.
Information Security Analyst	101	\$96,915 yr.
Multi-Media Artists and Animators	348	\$69,418 yr.
Graphic Designer	340	\$53,593 yr.
Technical Writer	76	\$83,910 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 "B" or better:

<u>High School Course</u>	<u>Credits Possible</u>	<u>College</u>	<u>College Course</u>
Worldwide Web Publishing 1-2	5	Green River Community College	IT 121
Worldwide Web Publishing 3-4	5	Highline Community College	CSCI 102
Digitools	5	Green River Community College	BUS E 101
	1	Renton Technical College	APP 105
MOS 1, 2, 3	13	Green River Community College	BUS E 100, BUS E 111, BUS E 112
	20	Highline Community College	BTECH 106, BTECH 111, BTECH 208, BTECH 217
	20	Renton Technical College	ACCT 132, APP 115, APP 116, APP 117, APP 120, APP 121, APP 125, APP 126, APP 145, APP146

Student Leadership Development

Skills USA provides educational experiences for students in trade programs, technical and skilled service occupations, including health occupations. It develops leadership, teamwork, citizenship and promotes involvement in community service activities. Emphasis is placed on total quality at work, high ethical standards, life-long education and superior work skills.

For additional leadership opportunities at your high school, please refer to your student planner.

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, thecareermap.org or Fast Web www.FastWeb.com

For more information about this Program of Study, contact an instructor, a school counselor or a career specialist.