



# THE INFORMATION TECHNOLOGY PROGRAM OF STUDY

## Education Planning Guide for High School and Beyond – Four Year College/University Preparation

### Program of Study Overview

The following table provides an overview of courses and credits needed to complete this program of study while meeting the [state's minimum 4-Year College/University entrance requirements](#). Students pursuing this program of study should include at least **2 credits from courses in Bold Italic** in their High School and Beyond Plan to meet the district's 2 credit requirement within a Field of Study area. Courses with a <sup>TP</sup> designation are those articulated for Tech Prep college credit, and can be applied toward the requirements of post-high school programs designated as Tech Prep <sup>TP</sup> Options below.

Gr	English	Social St.	Science	Math	Health/Sr. Exp	Career and Technical	Art	PE	World Lang	Edmonds SD Graduation Requirements (22 credits) 4.0 credits - English 3.5 credits - Social Studies 2.0 credits - Math 2.0 credits - Science 0.5 credits - Health 1.5 credits - Physical Education 1.0 credits - Art 1.5 credits - Career and Technical 0.5 credits - Senior Experience 5.5 credits - Electives High School and Beyond Plan Culminating Project WASL or Approved Alternative
9	Eng. 9	Soc. St. 9	Physical Science	Algebra 1	Health	Digital Communications	1.0 credits from Visual or Performing Arts Courses	1.5 credits from PE courses or <a href="#">CTE Equivalencies</a>	World Language	
10	Eng. 10	Soc. St. 10	Life Science/Biology	Geometry	2 credits from the following: <b>Comp. Programming</b> <b>Comp. Programming, Adv</b> <b>Comp. Programming, AP</b> <sup>TP</sup> <b>Computer Animation</b> <b>Comp. Repair/Networking</b> <b>Warrior Tech</b> <b>Web Authoring</b> <sup>TP</sup>	World Language				
11	Eng. 11	Soc. St. 11	Chemistry or Physics	Algebra 2						
12	Eng. 12	Soc. St. 12	Mathematics or Science Course	Senior Experience						
<b>Culminating Senior Project</b>		The Culminating Senior Project includes a <b>Portfolio of Work</b> and <b>Student Project</b> which demonstrate skills learned through the Culinary Arts Program of Study.								

### Sample High School and Beyond Plan – Four Year College/University Preparation

The following High School and Beyond Plan shows how the courses and credit requirements listed above for this program of study can be met over the course of 4 years. This schedule meets graduation and state minimum 4-Year College/University entry requirements. It is highly recommended that students compare their plan against the entrance requirements of particular colleges of interest.

Grade 9		Grade 10		Grade 11		Grade 12	
Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2
English 9	English 9	English 10	English 10	English 11	English 11	English 12	English 12
Social Studies 9	Digital Comm.	Social Studies 10	Social Studies 10	Social Studies 11	Social Studies 11	Social Studies 12	Social Studies 12
Algebra 1	Algebra 1	Geometry	Geometry	Algebra 2	Algebra 2	Senior Experience	PE or <a href="#">Equivalent</a>
Physical Science	Physical Science	Life Science	Life Science	Chemistry/Physics	Chemistry/Physics	Math or Science	Math or Science
World Language	World Language	World Language	World Language	Arts Course	PE or <a href="#">Equivalent</a>	Arts Course	Open Elective
Health	PE	<b>CTE Course Above</b>	<b>CTE Course Above</b>	<b>CTE Course Above</b>	<b>CTE Course Above</b>	Open Elective	Open Elective

### Post-High School Options for this Program of Study

The following are just some of the post-high school programs available in Washington for this program of study. For information about specific college credits earned for courses within this program of study, download the Information Technology Program of Study brochure at <http://humid.edmonds.wednet.edu/documents/fos/IT.pdf>.

	Earn a Information Technology Certificate and enter the Workforce	Earn an Associate/s Degree in Information Technology and enter the Workforce	Earn a Bachelor's Degree and enter the Workforce	Earn CTE Teacher certification and become a High School Teacher
<b>Post-High School Options</b>	<b>Tech Prep <sup>TP</sup> Options</b> Students completing this program of study can earn up to 13 college credits which may be applied in full or part to the following programs: <ul style="list-style-type: none"> <li><a href="#">Web Design, LWTC</a></li> <li><a href="#">Web Specialty, LWTC</a></li> <li><a href="#">Web Applications Development, LWTC</a></li> <li><a href="#">Software Development, LWTC</a></li> <li><a href="#">Desktop Publishing for Print and Web, BCC</a></li> <li><a href="#">Computer Game Development, EdCC</a></li> </ul>	<b>Tech Prep <sup>TP</sup> Options</b> Students completing this program of study can earn up to 13 college credits which may be applied in full or part to the following programs: <ul style="list-style-type: none"> <li><a href="#">Interactive Digital Media AAS, LWTC</a></li> <li><a href="#">Multimedia Design &amp; Production AAS, LWTC</a></li> <li><a href="#">Visual Communications ATA, Edmonds CC</a></li> </ul> <b>Other area colleges offering programs in Information Technology:</b> <ul style="list-style-type: none"> <li><a href="#">Edmonds Community College</a></li> <li><a href="#">Everett Community College</a></li> </ul>	<b>State colleges/universities offering Bachelor's Degree programs in Information Technology:</b> <ul style="list-style-type: none"> <li><a href="#">University of Washington</a></li> <li><a href="#">Western Washington University</a></li> <li><a href="#">Central Washington University</a></li> <li><a href="#">Washington State University</a></li> </ul>	After working in the Information Technology field, individuals may become High School Instructors by obtaining CTE Teacher certification through a state approved CTE Teacher Certification Program.  For information about becoming a CTE Teacher, go to <a href="http://www.k12.wa.us/certification/CTE/Main.aspx">http://www.k12.wa.us/certification/CTE/Main.aspx</a>

