



INFORMATION TECHNOLOGY - PROGRAM OF STUDY



(an educational planning guide for High School and Beyond)

Career Cluster: Information Technology

Career Cluster Pathway: Interactive Media

This Career Pathway Program of Study can serve as a guide along with other career planning materials as learners continue on a career path. The courses listed are only recommended coursework and should be individualized to meet each student's High School & beyond plan (HS&BP). Personalized Pathway Requirement (PPR) are related courses that lead to a specific post high school career or educational outcome chosen by the student based on the student's interests and HS&BP, may include Career and Technical Education, and are intended to provide a focus for the student's learning.

EDUCATION LEVELS	GRADE	English/ Language Arts 4 credits	Math 3 credits	Science 3 credits (2 lab)	Social Studies/ Sciences 3 credits	Fitness & Health 2 credits (1.5 fitness/ .5 Health)	Visual or Performing Arts 2 credits (1 PPR)	Career & Technical Courses 2 credits	Other Required Courses, Electives 4 credits (4 can be PPR or 2 PPR & 2 World Language)	Complete a certification or training program during high school at Cascadia Tech (see credit equivalencies at the bottom of this page)	SAMPLE Occupations Relating To This Pathway		
<i>Interest Inventory Administered and Plan of Study Initiated for all Learner- Academic/Career Advisement Provided</i>													
SECONDARY	9	English 9 or equivalent	Algebra 1 or Applied Algebra	Essentials of Physics or equivalent		PE & *Family Health		Web Design 1 & 2	World Language or 2 elective (PPR) credits		Occ. needing > a Baccalaureate Degree <ul style="list-style-type: none"> • Production Assistant • Digital Photographer Occ. needing a Baccalaureate Degree <ul style="list-style-type: none"> • Animator • Digital Media Designer • Media Specialist • Streaming Media Specialist • Web Designer Occ. needing a Baccalaureate Degree or more <ul style="list-style-type: none"> • CTE Teacher • Multimedia Developer • Multimedia Specialist • Producer • Virtual Reality Specialist • Web Administrator • Web Master 		
	<i>College Placement Assessments (PSAT) - Academic/Career Advisement Provided – State assessment (SBA-ELA)</i>												
	10	English 10 or equivalent	Geometry or Applied Geometry	Essentials of Biology or equivalent	World History or Psychology or equivalent	Foundations or other PE option				World Language or 2 elective (PPR) credits			
	<i>College Placement Assessments (SAT & ASVAB) - Academic/Career Advisement Provided - State assessment (SBA-Math)</i>												
	11	English 11 or equivalent	Algebra 2, Financial Fitness or **Applied Math	Essentials of Chemistry or equivalent	US History or equivalent			2 Elective Art credits or (PPR) credits	Yearbook 1 & 2				
<i>College Placement Assessments (SAT & ASVAB) - Academic/Career Advisement Provided</i>													
12	English 12 or equivalent	Calculus or no 4 th year of math		CWP or equivalent				***Digital Photography 1 & 2					
Choose 4 to 6 semester elective credits (Art, PE, CTE, Math, Science, etc.)													
Other Requirements	Senior Paper Sr. Culminating Project								High School & Beyond Plan				

*Family Health meets CTE and Health graduation requirements

**Articulated college course; transcribed at the partnering college & applied to college certificate or degree program.

***Digital Photography meets CTE and Fine Arts graduation requirements.

POST-SECONDARY	Year 13 & Beyond	Earn a Certificate from a community or technical college and enter the workforce	Earn an Associate's degree from a community or technical college and enter the workforce	Earn a Baccalaureate Degree and enter the workforce
	Program options	<ul style="list-style-type: none"> • Graphic Design • Web/Multimedia Management • Computer Technology • Web Design • Web Development 	<ul style="list-style-type: none"> • Web & Graphic Design • Web Design and Development • Digital Imaging Design • Digital Media • Microcomputer Applications • Computer Graphics • Digital Photography 	<ul style="list-style-type: none"> • Animation, Interactive Technology, Video Graphics • Computer & Information Sciences • Graphic Design • Inter-media/Multimedia • Digital Technology & Culture
	Location	<ul style="list-style-type: none"> • Bates Technical College • Art Institute of Portland • Clark College • Lower Columbia Community College 	<ul style="list-style-type: none"> • Clark College • Portland Community College 	<ul style="list-style-type: none"> • ITT Technical Institute • Central Washington University • Washington State University • Eastern University • Western Washington University • University of Washington • Pacific Lutheran University • Seattle Pacific University

Note: The Post-Secondary Options listed above for this Program of Study represent just some examples of options available within our area, including programs where articulation agreements for dual-credit exist between the college and school district. For specific information on articulation agreements with colleges, as well as information on other local and national options available, please visit your school's Career Center.

