



Building Linkages in IT Occupations Framework: For Entry Level, Technical, and Professional Careers Related to the Design, Development, Support and Management of Hardware, Software, Multimedia, and Systems Integration Services.

REQUIRED HIGH SCHOOL CREDITS	English (4 cr), Social Studies (3 cr), Math (3 cr), Science (3 cr), Health (.5 cr) and Fitness (1.5 cr), Visual and Performing Arts (1 cr), Career and Technical Education (CTE) (1cr), and Personal Pathway Requirements (PPR) (3 cr), Electives (4cr)				
PERSONAL PATHWAY OPTIONS⁺	AP Computer Science, Career Choices, Computer Applications, Computer Hardware & Networking – NMSC, Digipen Computer Science AP – NMSC, Digital Media Communications – NMSC, Digital Photo Journalism, Digital Photography, Financial Literacy, Intro to Computer Science, Leadership, Manufacturing Design, Office Management, Project Management, Video Productions, Web Design, World Language*				
EDUCATION OPTIONS	TECHNICAL CERTIFICATION <i>Instruction provided through certified training centers</i>	APPRENTICESHIP OPPORTUNITIES <i>To learn more about Apprenticeship, visit Apprenticeship WA website</i>	2-YR OR TECHNICAL DEGREE <i>Find specific colleges at SBCTC</i>	4 –YR DEGREE <i>Find specific colleges at Student Achievement Council</i>	
SAMPLES	<ul style="list-style-type: none"> • Communications Systems Installation • Computer Operations • Computer Programming • Computer Science • Networking and Telecommunications • Data Processing • Graphic Design • Microsoft Certified Solution Developer.NET • Web/Multimedia Management 	<ul style="list-style-type: none"> • School Computer Technician 	<ul style="list-style-type: none"> • Animation Technology • Communications Systems • Computer/Information Science • Computer Programming • Database Administration • Data Processing • Graphic Design • Information Tech • Interactive media/Multimedia • Web/Multimedia Mgmt 	<ul style="list-style-type: none"> • Animation/Video Graphics • Computer & Information Sciences • Computer Engineering • Computer Programming • CTE Secondary Education Teacher • Graphic Design • Information Technology • Interactive Media/Multimedia 	
CAREER OPTIONS	LITTLE OR NO EDUCATION	SOME EDUCATION	MEDIUM EDUCATION	CONSIDERABLE EDUCATION	EXTENSIVE EDUCATION
SAMPLE RELATED JOBS <i>Career Cruising</i> careerbridge.wa.gov <i>Videos</i> BOLD JOBS ARE IN DEMAND		<ul style="list-style-type: none"> • Call Center Support Representative • Coin, Vending, and Amusement Machine Servicers and Repairers • Customer Service Representative • Production Assistant 	<ul style="list-style-type: none"> • Animator • Computer Operators • Computer Support Specialists • Computer Technician • Database Analyst • Digital Media Designer • Game Developer • Network Technician • Web Designer 	<ul style="list-style-type: none"> • Computer Programmer • Computer System Analyst • Information Systems Admin • Software Engineer • Information Security Analyst • Multimedia Developer • Multimedia Specialist • Network Admin and Architect • Programmer • Web Developer 	<ul style="list-style-type: none"> • Computer and Information Research Scientist

*PPR: related courses that lead to a specific post-high school career or educational outcome chosen by the student and based on the student's interests and High School and Beyond Plan and are intended to provide a focus for the student's learning, which may include Career and Technical Education, one of the required Art credits and/or two credits in the same World Language.
 *Two consecutive years of the same World Language are needed for entrance into a 4yr University/College and will meet the PPR requirement.