



Careers in designing, planning, managing, building and maintaining the built environment.

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 Environmental Science, Automotive, Automotive Service Technology – NMSC, BioTech/Forensics, Calculus, Career Choices, Chemistry, Collision Repair Technology – NMSC, Computer Hardware & Networking – NMSC, Digipen Computer Science AP – NMSC, Construction Trades – NMSC, Financial Literacy, Green Technology, Greenhouse Management & Operations, Home Shop, Introduction to Computer Science, Landscape Construction, Landscape Design, Manufacturing Design, Office Management, Physics, Pre-Calculus, Pre-Veterinary Technician – NMSC, Principles of Engineering, Professional Medical Careers – NMSC, Project Management, Robotics, Small Engines, Sports Medicine; Stage Craft, Sustainable Habitats, Vet Science, 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"> • Cabinetmaking and Millwork • Carpentry • Construction Trades • Cranes & Riggers • Electrician • Heavy Equipment Operation • Industrial Mechanics and Maintenance Technology • Interior Design • Mechanic/Repair Technicians • Sheet Metal Technology • Survey Technology 	<ul style="list-style-type: none"> • Boilermakers • Carpenters • Cement Masons • Electrical Workers • Glaziers • Ironworkers • Laborers • Millwrights • Operating Engineers • Painters • Plumbers • Roofers • Sheet Metal Workers 	<ul style="list-style-type: none"> • Carpentry • Civil Engineering Tech • Communications Systems • Computer Aided Drafting • Construction Engineer/Tech • Construction Management • Drafting/Design Tech • Electrician • Interior Design • Mechanic Technicians • Property Management • Survey Technology • Welding 	<ul style="list-style-type: none"> • Architecture • Urban and Regional Planning • Construction/Building Tech./Technician • CTE Education Teacher • Electrical Engineering • Engineering Technology • Interior Architecture • Interior Design • Landscape Architecture • Manufacturing Engineering • Mechanical Engineering 	
CAREER OPTIONS	LITTLE OR NO EDUCATION	SOME EDUCATION	MEDIUM EDUCATION	CONSIDERABLE EDUCATION	EXTENSIVE EDUCATION
SAMPLE RELATED JOBS Career Cruising careerbridge.wa.gov Videos <i>BOLD JOBS ARE IN DEMAND</i>	<ul style="list-style-type: none"> • Carpet Installer • Construction Laborer • Helper • Painter • Helper Brick Mason • Septic Tank Cleaner 	<ul style="list-style-type: none"> • Excavating Operator • Glazier • Meter Reader • Painter • Equipment Operator • Pile-Driver Operator • Pipe layer • Plasterer • Steel Worker • Telecommunications Installer 	<ul style="list-style-type: none"> • Building Inspector • Cement Mason • Crane Operator • Drywall • Electrician • Surveyor • Insulation Worker • Mech. Drafter • Operating Eng • Rigger • Roofer • Welder 	<ul style="list-style-type: none"> • Construction Management • Cost Estimators • Urban/Regional Planners 	<ul style="list-style-type: none"> • Architects • Landscape Architects

⁺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.