



The **Architecture and Construction Career Cluster** is about using your skills in design, planning, and management to work in careers building and maintaining structures such as buildings, homes, bridges, or machinery. Work opportunities include developing new structures, restorations, additions, alterations, and repairs.

SKILLED AND TECHNICAL SCIENCES



APPROVED PREPARATORY COURSE

Construction Trades

OSPI OR DISTRICT APPROVED EQUIVALENCY CREDITS

Math	CTE
English	Elective
Lab Science	

INDUSTRY RECOGNIZED CREDENTIALS

Commercial Electrician
Construction Site Safety Technician
Masonry Level 1
Core Plus Construction Certificate

ALIGNED TO INDUSTRY

OCCUPATIONS	MEDIAN WAGE	ANNUAL OPENINGS	% GROWTH	JOB ZONE OR RANGE
Construction Laborer	\$53,350	7,110	20%	2
Carpenter	\$66,560	5,510	15%	2
Drywall and Ceiling Tile Installer	\$70,310	700	15%	2
Construction/Building Inspector	\$88,150	540	13%	3
Construction Manager	\$135,500	2,090	18%	4

WORK-BASED LEARNING AND EXTENDED LEARNING OPPORTUNITIES

Work Experience Opportunities

CTE students in many cases can pursue what is called a "work-based learning" opportunity or an internship involving a job outside of school. "Work-based learning" experiences are always paid and students can earn high school credit. Internships are typically paid, but students do not earn academic credit. Individual schools and CTE teachers work with local employers to arrange these opportunities for their students, so your program instructor is the best source of information for what your own school offers.

SkillsUSA Washington

SkillsUSA is a national organization for students exploring trade, industrial, technical health, and service-related careers. Areas of competition include architectural drafting, construction, carpentry, computer programming, web design, and nurse assisting.

This organization promotes superior work skills, life-long education, leadership, teamwork, citizenship, and community service among its student members. It also strives to build and reinforce self-confidence, work ethic, and communication skills.

Construction Trades: This Core Plus program will prepare students to take the next steps for a career in the construction industry. Instruction in safety, professionalism, and the construction process, as well as tools, equipment, print reading, materials selection, project planning, and management as well as estimating and bidding will all be covered through project-based learning supported by industry-backed instructional resources.

POST-SECONDARY PATHWAYS

DIRECT ENTRY TO WORKFORCE

Helper

Laborer

Painter

COLLEGE CTE DUAL CREDITS MAY BE AVAILABLE FOR THIS COURSE. PLEASE CONTACT YOUR INSTRUCTOR FOR MORE INFORMATION.

APPRENTICESHIP (Follow these steps to find specific apprenticeships available in this pathway.)	MILITARY SERVICE	TECHNICAL CERTIFICATE/ LICENSE	ASSOCIATE'S DEGREE	BACHELOR'S OR ADVANCED DEGREE
STEP 1: Apprenticeship Registration and Tracking System	Carpentry and Masonry Specialist	Construction Management: Edmonds Community College Pierce College Renton Technical	Construction Management: Renton Technical College	Project Management-Construction: Columbia Basin College University of Washington
STEP 2: Search by "Occupation" using key words below - Construction Carpenters - Construction Laborers	Horizontal Construction Engineer	Building Inspection: Edmonds Community College	Architecture, Engineering and Construction Technology: Green River College Grays Harbor College South Puget Sound Community College	Journey-Level: Carpenter Construction Equipment Operator Laborer
STEP 3: Click "Search" and select a program name for the program standards, qualifications, and how to apply	Technical Engineer	Carpenter/Construction Technician: Bates Technical College Green River College Peninsula College Edmonds Community College	Civil Engineering: Bates Technical College	CTE Secondary Education Teacher: - Education Degree in a CTE program area with 2,000 hours of related work experience. - Industry Route Certificate requires 6,000 hours of work experience in the field and completion of a state approved CTE Preparation Program along with passage of Basic Skills Math and English.

COURSE INFORMATION

COURSE NAME	CIP CODE	STATE COURSE CODE	TEACHER CERTIFICATION CODE
Construction Trades	460000	17002	V460200



Washington Office of Superintendent of
PUBLIC INSTRUCTION