



The **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 & TECHNICAL SCIENCES



EXPLORATORY

APPROVED COURSES

Core Plus Construction-Intro

PREPARATORY

Core Plus Construction Foundations

Core Plus Construction

Core Plus Construction II

ALIGNED TO INDUSTRY

OCCUPATIONS	MEDIAN WAGE	ANNUAL OPENINGS	% GROWTH
Construction Labors	\$46,830	179,300	19%
Construction Carpenter	\$59,950	116,300	18%
Construction First Line Supervisors (Foremen)	\$85,240	79,400	19%
Construction and Building Inspectors	\$77,460	15,800	10%
Construction Managers	\$96,780	40,200	20%

WORK-BASED LEARNING AND EXTENDED LEARNING OPPORTUNITIES

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.

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 also earn high school credit. Internships are typically paid but do not earn academic credit. Individual schools and CTE teachers work with local employers to arrange these opportunities for their students, so your local CTE or career office is the best source of information for what your own school offers.

The **Core Plus Construction 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.

POSTSECONDARY OPTIONS

CREDENTIALS		HIGHER EDUCATION			
HIGH SCHOOL/ INDUSTRY CERTIFICATION	CERTIFICATE / LICENSE	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/ DOCTORAL PROFESSIONAL	SCHOOLS WITH THESE PROGRAMS
Core Plus- Construction Student Certificate	Flagger Certification OSHA-10 & First Aid CPR				South Seattle College Yakima Valley College
Core Plus- Construction Student Certificate	Pre-Apprenticeship Preparation Certificate	Apprenticeship			Renton Technical College Wenatchee Valley College South Seattle College Yakima Valley College Bates Technical College
Core Plus- Construction Student Certificate		Associate of Applied Science- Carpentry	Bachelor of Applied Science in Sustainable Building Science	Master of Science in Construction, Energy and Sustainable Infrastructure	Green River College South Seattle College Univ. of Washington
Core Plus- Construction Student Certificate		Associate of Applied Science-T- Construction Management	Bachelor of Applied Science- Construction Management	Master of Science in Construction Management Ph.D. in Construction Management	Edmonds College Univ. of Washington
Additional industry-based certification information is available from the OSPI website.					

COURSE INFORMATION

COURSE NAME	CIP CODE	STATE COURSE CODE	TEACHER CERTIFICATION CODE	COURSE NAME	CIP CODE	STATE COURSE CODE	TEACHER CERTIFICATION CODE
Core Plus Construction- Intro	460100	17001,17003	V460200 V210100				
Core Plus Construction Foundations	460201	17701,17002, 17003,17101, 17103	V406200				
Core Plus Construction	460000	17001,17002, 17003	V460200				
Core Plus Construction II							



Washington Office of Superintendent of
PUBLIC INSTRUCTION

For additional information on this cluster, please contact:
OSPI Career and Technical Education | cte@k12.wa.us
<https://www.k12.wa.us/cte>