



Carpentry and Construction Trades Pathway

The Carpentry and Construction Pathway is a great program for students who have an interest in building and constructing the structures we use every day. **Students who complete 2 credits in this pathway will meet state ELA and Math testing requirements, and...**

- Earn industry recognized NCCER Carpentry and OSHA 10 Certifications.
- Learn by working on an actual construction site building residential homes.
- Receive preferred entry into the CITC Carpentry Apprenticeship program.
- Meet 3rd year Math or Geometry requirements through their Pathway course.

This CTE Pathway is a great fit for students who...

- ✓ Enjoy projects where they work with their hands and use tools.
- ✓ Enjoy learning through building and repairing things.
- ✓ Feel comfortable working outside on a construction site.
- ✓ Have an attention to detail and precision in their work.
- ✓ Are interested in getting a Construction related job after high school or continuing training in the Construction field.

Start Your Pathway with 2 or more credits of Pathway courses

Then, After You Have Finished High School...

Finally, Begin Your Career!

Sample Plan for Career and College Readiness in this Pathway	
Grade 9	
English	
Math	
Science	
World History 9	Health
PE	Art
Elective	Elective
Grade 10	
English	
Math	
Social Studies	
Science	
PE	Art
Elective	Elective
Grade 11	
English	
Math	
US History	
Science	
Carpentry and Construction, Year One	
Carpentry and Construction, Year One	
Grade 12	
English	
Sr. Social Studies	
Personal Finance	PE
Elective	Elective
Advanced Carpentry and Construction	
Advanced Carpentry and Construction	

Continue your training on the job by starting your career right out of high school:

- Entry level Laborer or Construction Trades worker

Apply certifications and credits earned in this Pathway directly into our partner Apprenticeship Training program:

Construction Industry Training Council of Washington

- Carpentry Apprenticeship program

Continue your training in another college program such as:

South Seattle Community College

- Multiple Trades Apprenticeship programs available

Edmonds College

- Construction Management Degree program

University of Washington

- Construction Management Degree program

Jobs you can get with Apprenticeship Training:

Carpenter
 Cement Mason and Concrete Finisher
 Construction Laborer
 Drywall Installer
 Electrician
 Plumber and Pipefitter
 Roofer

Jobs you can get with 4 or more years Post-High School Training:

Architects
 Civil Engineer
 Construction Manager

For more information on these and other occupations related to this pathway, visit

<http://careerbridge.wa.gov/>



Edmonds SD Career and Technical Education

Pathway Courses and Descriptions

Pathway Courses	Grades	Length	Equivalencies	EWHS	MHS	LHS	MTHS	SLHS
Carpentry and Construction *	10-12	2 credits, Full Year	1 credit Third Year Math or Geometry Credit	ID	ID	ID	✓	ID
Advanced Carpentry and Construction*	11-12	2 credits, Full Year	1 credit Third Year Math or Geometry Credit	ID	ID	ID	✓	ID

✓ *Course is available at this school* ID = Intra-District Course * *Apprenticeship Credit Available*

CARPENTRY AND CONSTRUCTION (Intra-District)

VOC615/616 (Yearlong, 2 period block)
Grade Level: 10 – 12

Intra-District Program: Located at Mountlake HS, period 3/4 block or 5/6 block class. Students from all District high schools may attend this program. District bus transportation is provided. Shared Student Form required for registration.

Equivalency: 1 credit Geometry or Third Year Math

Prerequisite: Some form of medical coverage is required.

In this first year course, students develop building construction skills required for entry into apprenticeship training or entry-level jobs in the construction industry. Topics include safety, construction math, orientation to the trades, hand and power tools, blueprints, site layout, framing, and hanging windows and doors. Students will participate in building Tiny Homes and other projects on the school campus as part of this course, and earn CITC Carpentry Apprenticeship and OSHA Certifications useful for future employment.



ADVANCED CARPENTRY AND CONSTRUCTION (Intra-District)

VOC638/639 (Yearlong, 2 period block)
Grade Level: 11 – 12

Intra-District Program: Located at Mountlake HS, period 3/4 block or 5/6 block class. Students from all District high schools may attend this program. District bus transportation is provided. Shared Student Form required for registration.

Prerequisite: Successful completion or Carpentry and Construction, Year One. Some form of medical coverage is also required.

In this second year course, students learn on a construction site building a residential home while also continuing work on additional CITC Carpentry Apprenticeship modules. Topics covered in this advanced course include residential electrical systems and safety, roofing, exterior finishing, cabinet installation, plumbing, and ceiling, joist and roof framing.

Both Carpentry and Construction Year One and Advanced Carpentry and Construction are partnered with the Construction Industry Training Council (CITC) of Washington which will provide preferred consideration into their registered Apprenticeship Programs for students completing this program and obtaining NCCER certification.

