



# 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 3<sup>rd</sup> 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	
<b>Grade 9</b>	
English	
Math	
Science	
World History 9	Health
PE	Art
Elective	Elective
<b>Grade 10</b>	
English	
Math	
Social Studies	
Science	
PE	Art
Elective	Elective
<b>Grade 11</b>	
English	
Math	
US History	
Science	
<b>Carpentry and Construction</b>	
<b>Carpentry and Construction</b>	
<b>Grade 12</b>	
English	
Sr. Social Studies	
Personal Finance	PE
Elective	Elective
<b>Carpentry and Construction (repeated)</b>	
<b>Carpentry and Construction (repeated)</b>	

### 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 Community 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 Building Construction*	10-12	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 BUILDING CONSTRUCTION (Intra-District)

VOC615/616 (Yearlong, 2 period block)  
 May be repeated for credit  
 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.

Prerequisite: Some form of medical coverage is required.

Develop building construction skills required for entry into apprenticeship training or entry-level jobs in the construction industry. Topics include construction math, orientation to the trades, concrete footings and foundations, construction materials, blueprints, site layout, roofing, plumbing, electrical, HVAC, interior finishes, and safety. Students will participate in building construction projects, and earn CITC and OSHA Certifications useful for future employment.

**This class is 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.**

