

Concord High School



Construction Pathway

Did you know?

- As a pathway student you are more likely to complete all of your courses and still stay on track for graduation while completing your [A-G Requirements](#).
- Many pathways in our district have articulated courses, meaning you earn transferable early college credit while in high school!



Pathway Course Descriptions

Construction 1 (G Category - Elective)

Basic Woodworking Technology introduces a student to the basic skills of Build Your Future. Build something real! Students work on authentic, large-scale cabinet making, furniture making and carpentry. The student will be able to demonstrate knowledge of hand and power tool operation and appreciate safe working practices, and to use materials with understanding and conservation. Students will explore occupational and vocational interests. Have a working knowledge of measurement, planning and applicable mathematical calculations. Students will demonstrate and appreciate good design, craftsmanship, and construction techniques.

Construction Technology (G Category - Elective)

Build something real! Students work on authentic, large-scale projects—including the construction of a Tiny House on Wheels and participation in a regional design-build competition. Students will spend their class time learning and performing key phases of basic residential construction, including carpentry, blueprint reading, drywall, electrical, flooring painting, plumbing, roofing, tile setting and welding. Along the way, learning the language and technology of modern construction. Every project builds teamwork, problem-solving, and industry-ready skills.

DVC DIABLO VALLEY COLLEGE <u>Dual Enrollment Courses</u>		
	IDSGN 105	Assembly & Fabrication Workshop
	ENGIN 131	Technology and Society
	ENGTC 119	Introduction to Technical Drawing
	ENGTC 128	Fusion 360 for Design and Prototyping

Pathway Course Sequence			
9th	1. English 1 4. Algebra	2. Life Science 5. World Language	3. PE 6. VAPA
10th	Talk to your academic counselor to create the best schedule for you.		
11th	1. English 3 4. U.S. History	2. Algebra 2 5. World Language	3. Lab Science 6. Construction 1
12th	1. English 4 4. Elective	2. Pre-Calculus 5. Elective	3. Government/ Economics 6. Construction Technology



Post Secondary Education



Diablo Valley College offers a variety of certificate, associate, and transfer opportunities for students.

**Click on each box to link directly to the website.

Programs Offered

Construction

DVC's Construction Program is an excellent choice for anyone exploring the diverse career paths and opportunities within the construction industry,...

Associates & Certificates

- [Associate in Science - Construction and Building Inspection](#)
- [Associate in Science - Construction Management](#)
- [Associate in Science - Construction Supervision and Superintendency](#)
- [Certificate of Achievement - Construction and Building Inspection](#)
- [Certificate of Achievement - Construction Management](#)
- [Certificate of Achievement - Construction Supervision and Superintendency](#)
- [Certificate of Achievement - Pre-Apprenticeship](#)
- [Certificate of Accomplishment - Pre-Apprenticeship](#)



Click on the CSU or UC logo to search for your degree of interest by college.

Career Opportunities	Degree Needed	Salary
Welder	Trade School & Apprenticeship	Annual Salary: \$48,590 - \$58,227
Plumber	Trade School & Apprenticeship	Annual Salary: \$62,388\$ - \$88,821
Electrician	Trade School & Apprenticeship	Annual Salary: \$83,500 - \$100,000
Carpenters	Trade School & Apprenticeship	Annual Salary: \$89,000 - \$131,040
Project Manager	Bachelor's Degree	Annual Salary: \$101,337 - \$144,088

