



# Sheldon High School

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## Building Trades Pathway

### About This Pathway

Do you enjoy building and working with your hands? Are you interested in learning about how to create your own furniture, shed, or other personal item? Let your creativity loose and explore the building industry as well as engineering disciplines. Learn about the building trades tools and how to properly use them to eventually create your own masterpiece. Student projects have included a coffee table, lawn chair, electric guitar, dresser with drawers, custom desk, planter boxes, dog house, and kitchen cabinets. Get mentored by building professionals in the areas of electricals, framing, plumbing, and more! Join the Building Trades Pathway and impress your friends and family with the skills that you can use for the rest of your life!



"I've made cabinets and built a shed in this program--skills I can use in real-life for the rest of my life. It's amazing!" *Building Trades Pathway Student*

### College & Career Pathway

#### ENTRY LEVEL

Average Salary: \$54,184

- Brickmasons and Blockmason • Carpet Installer • Construction Laborer • Continuous Mining Machine Operator • Drywall and Ceiling Tile Installer • Floor Layer • Roofer • Sheet Metal Worker

#### ASSOCIATE'S DEGREE/CERTIFICATION

Average Salary: \$69,166

- Construction and Building Inspector • Electrician • Home Appliance Repairer • Heating and Air Conditioning Mechanics and Installer • Plumber • Solar Energy Installation Manager

#### BACHELOR'S DEGREE +

Average Salary: \$107,860

- Automotive Engineer • Civil Engineer • Construction Manager • Cost Estimator • Electrical Engineer • Mechanical Engineer • Transportation Engineer • Fuel Cell Engineer

### Explore Your Future Career

CABINETRY, MILLWORK,  
& WOODWORKING



RESIDENTIAL &  
COMMERCIAL  
CONSTRUCTION



ENGINEERING &  
HEAVY CONSTRUCTION



MECHANICAL SYSTEMS  
INSTALLATION & REPAIR



# Building Trades Pathway

SHELDON HIGH SCHOOL



## Competitive Advantage

### INDUSTRY SKILLS

- Fine finish work
- Residential and commercial construction engineering
- Civil, structural, architecture, surveying
- Mechanical and robotics
- Electrical/electronics, computer, software
- Design 2D CAD and 3D modeling
- Animation

### STUDENT ACCOMPLISHMENTS

- Hands-on experience with plumbing, basic electricity, masonry, roofing, & framing
- Collaborate with peers to construct storage sheds
- Participate in job-shadowing and industry-related field trips
- Class Projects: Trebuchet, adirondack patio chair
- Personal build projects: Electric guitar, dresser, dog house, bureau, kitchen cabinets

### EARLY COLLEGE CREDIT

- Students enrolled in the following course(s) have the opportunity to earn college units:
  - Building Trades II (12312)

### INTERNSHIPS

- Teichert
- Granite Construction
- CC Myers Construction
- Lennar Homes
- Villara Building Systems

### COMPETITIONS

- Solar Car Race
- Robotics Competitions
- PECG Bridge Competition
- AASHTO Bridge Competition

## Sequence Of Courses

**BUILDING TRADES I #12311**  
INTRODUCTORY

**BUILDING TRADES II #12312**  
CONCENTRATOR

**BUILDING TRADES III #12313**  
CAPSTONE

DISCLAIMER: The courses outlined above meet pathway requirements and are subject to change. This sequence does not list all courses needed for graduation.

## Business & Community Partners

- Teichert
- Granite Construction
- CC Meyers, Inc.
- AGC Delta-Sierra Chapter
- Home Building Industry
- Pacific Supply
- Meeks Lumber
- Hughes Hardwoods
- Rancho Glass
- Sacramento Overhead Door
- H & D Electric



**LENNAR** **GRANITE**

