



Wilbur H. Palmer  
Career and Technical  
Education Center

# Building Trades

Exciting careers in construction begin with the skills students learn as part of Alvirne's Building Trades. Students learn to estimate materials, and perform the layout and construction themselves. This two-year program includes site selection, surveying, excavation, design, foundation work, framing, insulation, plumbing, wiring, dry wall, painting, and finish trim work. Students leave Building Trades with skills that can put them way ahead of the competition for construction jobs. Students have the opportunity to participate in the OSHA 10 training and become certified.



Sample Occupations for Building Trades Graduates (Source: Bureau of Labor Statistics- Occupational Outlook Handbook)		
Job Title	Projected Openings Through 2026	Average Salary
Construction & Building Inspectors	10,500	\$59,090
Construction Equipment Operators	52,700	\$46,080
Construction Managers	44,800	\$91,370
Construction Surveyors	5,000	\$61,140

For More information: Contact your Local School Counselor OR

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# Building Trades Program Path



## Course Descriptions

### **Building Trades I:** *Grades 10-11; year-long course; CTE882*

In this course, students will practice their construction skills on small utility buildings or small houses. These future tradesmen will attend demonstrations, lectures, Skills USA and will also receive hands-on experience through building construction. All phases of the housing industry will be explored. Guest speakers will help students discover what employment opportunities await them after graduation. Students should leave this course with the ability to construct sheds and other small buildings, as well as perform basic household repairs. Upon teacher recommendation and successful completion of all competencies student can move on to Building Trades II.

### **Building Trades II:** *Grades 11-12; year-long course; CTE884*

In this course, students will be led through the different phases of construction. Students will learn about site preparation, footings and foundations, framing, roofing, and interior and exterior finish. Students will be introduced to basic topics in concrete work, masonry, electrical wiring, and plumbing. Upon successful completion of this course, students will have the entry-level skills necessary to begin a carpentry career or progress to a postsecondary institution.

Preparation: Building Trades I. Students will participate in OSHA 10 training and receive their OSHA 10 card upon successful completion of the program.

**\*This course contains embedded mathematics and may be used to fulfill the four-credit math requirement**