



<b>Level 1</b>	Principles of Construction
<b>Level 2</b>	Construction Technology I
<b>Level 3</b>	Construction Technology II
<b>Level 4</b>	

HIGH SCHOOL/INDUSTRY CERTIFICATION	CERTIFICATE/LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/DOCTORAL PROFESSIONAL DEGREE
NCCER Core Curriculum	Certified Lead Carpenter	Carpentry/ Carpenter	Construction Science	Construction Management
	Certified Installer	Industrial Mechanics and Maintenance Technology		
	Certified Door Consultant			
	Fluid Power Connector and Conductor			

Occupations	Median Wage	Annual Openings	% Growth
Carpenters	\$35,922	5,031	26%
Cost Estimators	\$63,939	2,239	21%

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES	
<b>Exploration Activities:</b> Shadow a carpenter or millwright. SkillsUSA Future Business Leaders of America (FBLA)	<b>Possible Work Based Learning Activities:</b> Obtain an NCCER certification in Core Level 1

Additional industry-based certification information is available on the TEA CTE website. For more information on postsecondary options for this program of study, visit TXCTE.org.

The Carpentry program of study explores the occupations and educational opportunities related to constructing, installing, or repairing structures and fixtures made of wood, such as concrete forms (including frameworks, partitions, joists, studding, rafters, and stairways). This program of study may also include exploration into installing, dismantling, or moving machinery and heavy equipment according to layout plans, blueprints, or other drawings.



The Architecture and Construction Career Cluster focuses on designing, planning, managing, building, and maintaining the built environment. Principles of Architecture provides an overview to the various fields of architecture, interior design, and construction management.

Successful completion of the Carpentry program of study will fulfill requirements of the **Business and Industry Endorsement**. **To complete the Carpentry POS, you must complete three or more courses for four or more credits, including one level three or level four course within the same program of study.** Revised - July 2020



# COURSE INFORMATION

COURSE NAME	SERVICE ID	PREREQUISITS (PREQ) COREQUISITES (CREQ)	Grade
Principles of Construction	13004220 (1 credit)	None	9-12
Construction Technology I	13005100 (2 credits)	None	10-12
Construction Technology II	13005200 (2 credits)	PREQ: Construction Technology I	11-12

FOR ADDITIONAL INFORMATION ON THE ARCHITECTURE AND CONSTRUCTION CAREER CLUSTER, PLEASE CONTACT:  
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<https://tea.texas.gov/cte>

The Big Spring Independent School District offers career and technical education programs in Family and Consumer Sciences, Trade and Industrial Education, Business Education Career Preparation, and Industrial Technology Education. Admission to these programs is based on interest, aptitude, age appropriateness, and class space available. It is the policy of the Big Spring Independent School District not to discriminate on the basis of race, color, national origin, sex, or handicap in its career and technology programs, services, or activities as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; and Section 504 of the Rehabilitation Act of 1973, as amended. It is the policy of Big Spring Independent School District not to discriminate on the basis of race, color, national origin, sex, handicap, or age in its employment practices as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; the Age Discrimination Act of 1975, as amended; and Section 504 of the Rehabilitation Act of 1973, as amended. The Big Spring Independent School District will take steps to assure that lack of English language skills will not be a barrier to admission and participation in all educational and vocational programs. For information about your rights or grievance procedures, contact the Title IX and/or the Section 504 Coordinator, at Big Spring I.S.D., Administrative Offices, 708 11th Place, Big Spring, Texas 79720, Phone Number (432) 264-3600.