

# Construction Trades

## Jump-Start Your Career



### ABOUT NCCER

The National Center for Construction Education and Research (NCCER) is a non-profit foundation developed with the support of more than 125 construction CEOs and academic leaders to provide nationally recognized training, assessment, and certification standards for the construction trades.

The NCCER Core Certification is a prerequisite to all other NCCER construction trade training certifications. The curriculum provides each trainee the basic skills needed to continue his or her education in a chosen craft area. In addition to the nationally-recognized NCCER Core Certification, the successful student also will receive an OSHA 10-Hour Certification for safety training. This is another nationally recognized credential of great value for the student and employer.

The nationally recognized Core Certification credential is designed as a foundational step for a student to complete, and then transition into an advanced training program, such as carpentry or plumbing. Most employers desire the more specific training and skills that are achieved with additional NCCER training.

According to the Texas Workforce Commission, the state-wide annual number of job openings for carpenters and plumbers is expected to exceed 3,000 individuals through 2024. These individuals can earn a starting wage of \$18 - \$20 per hour.

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### Credentials Earned from the Training

- OSHA 10-hour General Safety Card
- NCCER Core Credential
- NCCER Level 1 Carpentry or NCCER Level 1 Plumbing Credential
- Certificates of Completion from both Blinn College and Texas A&M Engineering Extension Service (TEEX)

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### Dates for Training:

#### **NCCER Core (includes OSHA 10)**

June 5 to June 22 • Monday thru Thursday 8 a.m. to 4 p.m.  
Cost: \$650 (less \$365 scholarship) \$285 Final Cost

#### **NCCER Carpentry Level 1**

June 27 to October 31 • Tuesday and Thursday 5:30 p.m. to 9:30 p.m.  
Cost: \$1,325 (less \$635 scholarship) \$690 Final Cost

#### **NCCER Plumbing Level 1**

June 27 to October 31 • Tuesday and Thursday 5:30 p.m. to 9:30 p.m.  
Cost: \$1,250 (less \$635 scholarship) \$615 Final Cost

#### **NCCER Carpentry Level 2\***

June 5 to July 11 • Monday thru Thursday 8 a.m. to 4:30 pm  
Cost: \$1,325

\*Students must meet advanced level criteria for enrollment in this training

### NCCER CORE CURRICULUM COURSES:

(course descriptions on back)

**Basic Safety**

**Introduction to Construction Math**

**Introduction to Hand Tools**

**Introduction to Power Tools**

**Introduction to Construction Drawings**

**Introduction to Basic Rigging**

**Basic Communication Skills**

**Basic Employability Skills**

**Introduction to Material Handling**

**Total Hours: 87 contact hours**

**Total Cost: \$650 before scholarship**

*Class size limited to 40 students.*

For more information, please contact:

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# NCCER Core Course Descriptions

**Basic Safety** This module presents basic OSHA 10-Hour safety information to prepare workers for the construction environment such as common accidents, accident prevention, and safety issues related to specific environments, including welding and confined spaces.

**Introduction to Construction Math** This module reviews basic math skills and demonstrates how they apply to the construction trades.

**Introduction to Hand Tools** This module introduces common hand tools used in a variety of construction crafts, how to safely use these tools, and proper maintenance.

**Introduction to Power Tools** This module identifies and describes the operation of many power tools common in construction trades, proper use of power tools, and basic maintenance.

**Introduction to Construction Drawings** This module introduces the basic elements of construction drawings such as common components of drawings, basic drawing types, use of drawing scales, and how to measure drawings.

**Introduction to Basic Rigging** This module provides basic information related to rigging and rigging hardware, such as slings, rigging hitches, and hoists, while also emphasizing safe working habits in the vicinity of rigging operations.

**Basic Communication Skills** This module provides good techniques for effective communication on the job, and includes examples that emphasize the importance of written and verbal communication skills in construction trades.

**Basic Employability Skills** This module covers critical thinking and essential problem-solving skills for the construction industry, and discusses positive social skills, work ethics, and value in the work place.

**Introduction to Material Handling** This module describes the hazards associated with handling various materials and provides techniques to avoid both injury and property damage.

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## Scholarship and Eligibility Requirements

Scholarships up to \$1,000 per eligible student are available for these courses:

- \$365 applied to NCCER Core Curriculum:  
\$650 - \$365 = \$285 Final Cost for qualified students
- \$635 applied to NCCER Level 1 Carpentry:  
\$1,325 - \$635 = \$690 Final Cost for qualified students
- \$635 applied to NCCER Level 1 Plumbing:  
\$1,250 - \$635 = \$615 Final Cost for qualified students

To apply, an individual must be age eighteen (18) or older; be a United States (U.S.) citizen or certified to work in the U.S.; and, if male, meet U.S. Military Selective Service registration requirements. Scholarship funds are available for the first 65 eligible students.

For more information, contact

Ken Dupré at [ken.dupre@blinn.edu](mailto:ken.dupre@blinn.edu) or call 979-209-7560

or

Deloris Conley at [deloris.conley@blinn.edu](mailto:deloris.conley@blinn.edu) or call 979-209-7205

## OSHA 10-Hour Industry Safety Credential

At the completion of the course, students will understand and apply OSHA regulations for safe work practices, including fire and electrical safety, use of personal protective equipment (PPE), hazard identification, and lockout/tagout procedures.

## NCCER Core Credential

At the completion of this training, students will understand basic construction math, learn the safe and proper use of various tools and materials, understand construction drawings and riggings, and learn communication and employability skills.

## NCCER Level 1 Carpentry Credential

At the completion of this training, students will learn various types of materials and fasteners; use and maintain common carpentry tools; understand carpentry drawings and specifications; and understand floor, wall, ceiling joist, stairs, and roof systems.

## NCCER Level 1 Plumbing Credential

At the completion of this training, students will learn to safely use and maintain common plumbing tools; understand plumbing math, drawings and specifications; identify and use various types of pipe and fittings; and identify common plumbing fixtures and water systems.

## Classes will be held at the RELDIS Campus.

