

# *CEFA*

## Course descriptions

All course material used by CEFA is the Contren Learning Series. Nationally recognized credentials are earned upon successful completion of each module.

### **Core Curriculum** (a pre-requisite to ALL craft courses)

72.5 Hours

Consists of covering Basic Safety, Introduction to Construction Math; Introduction to Hand Tools, Introduction to Power Tools, Introduction to Blueprints, Basic Rigging

### **Carpentry**

#### **Level 1**

Consists of Orientation to the Trade; Wood Building Materials, Fasteners, and Adhesives; Hand and Power Tools; Floor Systems; Wall and Ceiling Framing; Roof Framing; Windows and Exterior Doors

#### **Level 2**

Consists of: Reading Plans and Elevations; Site Layout One - Distance Measurement and Leveling; Introduction to Concrete and Reinforcing Materials; Foundations and Flatwork; Concrete Forms; Reinforcing Concrete; Handling and Placing Concrete; Manufactured Forms

#### **Level 3**

Consists of: Exterior Finishing; Roofing Applications; Thermal and Moisture Protection; Stairs; Framing with Metal Studs; Drywall One: Installation; Drywall Two: Finishing; Interior Finish One: Doors; Interior Finish Two: Suspended Ceilings; Interior Finish Three: Window, Door, Floor, and Ceiling Trim; Interior Finish Four: Cabinet Installation

#### **Level 4**

Consists of: Site Layout Two: Angular Measurement; Advanced Roof Systems; Advanced Floor Systems; Advanced Wall Systems; Advanced Stair Systems; Introduction to Light Equipment; Welding; Metal Buildings; Introductory Skills for the Crew Leader