



## BASIC BENDING

NC3 and Greenlee help shape tomorrow's workforce through certification programs, industry supported curriculum and hands-on training. This will be an introduction to basic bending conduits and raceways. Students will be introduced to basic bending concepts, techniques and functionality of various benders while applying STEM learning activities.

### Students who receive NC3's Basic Bending certification will:

- ◆ Learn the bending characteristics of the various conduits in the electrical trades.
- ◆ Apply the bending theory required to calculate, layout and perform a variety of the most common Bends in the industry.
- ◆ Demonstrate proficiency by bending conduit using hand benders and ratchet Mechanical Benders.

### NC3 CERTIFICATION

Receive an industry-validated NC3 certificate as proof of skills achievement that can offer enhanced employment potential and higher productivity on the job, in industries such as:

- ◆ Residential and Commercial Construction Trades
- ◆ Building Maintenance
- ◆ Information Technologies
- ◆ Manufacturing
- ◆ HVAC

### COURSE CONTENTS INCLUDE:



- ◆ Conduit Characteristics
- ◆ Bending Theory
- ◆ How to Use and Identify Tools of the Trade
- ◆ Special Bending Methods to Produce a Variety of Bends
- ◆ Use of the 1818 Ratchet Mechanical Bender
- ◆ Threading Conduit
- ◆ Safety and Regulations

### ADDITIONAL GREENLEE CERTIFICATIONS:

- ◆ Advanced Bending
- ◆ Wire Pathways
- ◆ Electrical Wire Termination
- ◆ 3-Phase Sequencing and Motor Rotation
- ◆ Insulation and Ground Rod Resistance Testing
- ◆ Fishing Raceways/Conduit and Cable Pulling
- ◆ Hand Bending for High Schools

For more information, contact NC3 at [nc3.net](http://nc3.net).



Greenlee is a proud partner of the National Coalition of Certification Centers. Greenlee Certifications are developed and administered by NC3 (National Coalition of Certification Centers) and are compatible with other industry recognized certifications.