



## HAND 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 hand bending conduits and raceways. Students will be introduced to hand bending concepts, techniques and functionality of hand benders while applying STEM learning activities.

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

- ◆ Demonstrate proficiency by bending conduit using hand benders to make 90-degree, offset, back-to-back, and saddle bends
- ◆ Apply mathematics required to calculate, layout and perform a variety of the most common bends used in the electrical trades
- ◆ Use professional grade tools related to conduit bending to measure, cut and prepare conduit for installation
- ◆ Understand the planning and regulations around conduit installation

### 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
- ◆ HVAC
- ◆ Information Technologies

### COURSE CONTENTS INCLUDE:



- ◆ Theory and principles applied to bending conduit
- ◆ STEM activities to promote hands-on learning to real-world applications
- ◆ Functionality of hand benders and related tools
- ◆ Conduit characteristics
- ◆ Safety and regulations

### ADDITIONAL GREENLEE CERTIFICATIONS:

- ◆ Basic Conduit Bending
- ◆ Advanced Conduit Bending
- ◆ Wire Pathways
- ◆ Electrical Wire Termination
- ◆ Fishing Conduits/Raceways and Cable Pulling
- ◆ 3-Phase Sequencing and Motor Rotation

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.