



Construction Trades

Certificate of Completion

16 credit hours

Can be completed in a Hybrid Model

The certificate program will teach skills that a worker needs for an entry level position. Upon completion of the program, students will be able to:

- Interpret blueprints and specifications.
- Apply construction terminology.
- Use currently available basic personal protective equipment and be able to select appropriate equipment for a given project.
- Identify the most common sources of occupational injury and death.
- Apply principles of job site safety.
- Practice professional behavior on the construction site.
- Select and manage appropriate materials for projects.

Suggested order and time of completion:

Freshman Year

FYEX 1141- Career Explorations and Planning (3)

OSH 1111 – Workplace Safety (1) - 10 hours F2F – OSHA10/NCCER Core

CNST 102 – Tool and Equipment Safety (1) - 15 hours hybrid – NCCER Core

CNST 121 – Blueprint Reading (1) - 15 hours hybrid – NCCER Core

CNST 101 – Math Construction Trades (3) - 45 hours hybrid – NCCER Core

Sophomore Year

OSH 107 – Electrical Safety Training (1) - 15 hours hybrid - (\$75 in PPE provided)

CNST 105 – Rigging, Material Handling, & Fittings (3) - 45 hours hybrid – NCCER Core

Junior/Senior Year

BUSA 1130 – Business Professionalism (3) - 45 hours hybrid – NCCER Core

EMS 100 – HeartSaver/CPR First Aid (1) - 6 hours F2F – American Heart Association CPR Card

CNST 289 – Internship/Apprenticeship (2) - 2 client projects/work experience - \$350 in tools