

Electricity & Renewable Energy

(Newport News Campus) Course #8533/8534



If You Like:

- Opportunity to own your own business
- Installing, troubleshooting, & repairing electrical systems
- Interpreting technical schematics & prints
- Learning about alternative power systems
- Diagnosing problems & creating solutions

..... Then this is the program for you!

About the program:

- Teaches skills to install, maintain, & repair residential and commercial wiring, equipment and fixtures, and use of the National Electrical Code Book.
- Study of alternative renewable energy sources includes installing hydrogen fuel cells, solar panels, & communication cable and wiring.
- Employment opportunities strong w/ the avg. salary of \$47,000.

Credentials:

- Electrical Construction Technology Assessment
- Electrical Construction Wiring Examination
- OSHA 10 Certification

Entry Employment:

- Electrician (\$30,360 - \$68,000)
- Pipe Fitters & Steam Fitters (\$32,111 - \$93,674)
- Electrical Engineering Technician (\$39,580 - \$87,611)

Topics of study:

- Electrical Theory
- Electrical Code
- Renewable Energy Systems
- Power Systems

Pathways:

- Electrical Foreman (\$41,757 - \$88,158)
- Project Manager (\$51,865 - \$111,858)
- Cost Estimator (\$38,979 - \$94,624)
- Building Code Inspector (\$32,984 - \$75,823)

Important to Note: Students should be reading on a 10th grade level for this program.