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.

Topics of study:
- Electrical Theory
- Electrical Code
- Renewable Energy Systems
- Power Systems

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

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)

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.