NORTH MONTCO TECHNICAL CAREER CENTER
ELECTRICAL TRADES

Experienced electricians are in serious demand. Students in the Electrical Trades program learn about residential and commercial/industrial wiring and low-voltage systems, involving communication voice data and security systems. The program consists of instruction in electrical AC-DC theory, national electric code, wiring methods and industrial applications.

What you will learn:
- Residential electricity
- Commercial electricity
- Industrial electricity
- Communication voice data and security systems
- National Electric Code
- Wiring methods and various conduits
- Electrical AC-DC theory
- Associated math relative to electrical studies

Physical criteria:
- Manual dexterity
- Heavy lifting/carrying
- Strong eye/hand coordination
- Physical stamina/strength
- Pushing/pulling
- Good depth and color perception

Class of 2019 graduation plans:
- 54% found employment in this field
- 8% plan to continue their education in this field
- 8% plan to continue their education in another field
- 8% found employment in another field
- 14% will be joining the military
- 8% were undecided at the time of the

Uniform/equipment list:
(With approximate costs)
- Safety glasses ($5)
- Leather shoes or work boots ($40)
- Solar powered calculator ($5)
- Electrician Tool Belt ($20)
- Activity Fee ($20)
- Electrical Trades t-shirt ($10)
- Work pants or jeans ($25)

Certifications students can earn:
- General Industry Safety (OSHA)

Career possibilities:
- Electrician’s Helper
- Residential Wiremen
- Commercial Wiremen
- Industrial Wiremen

Career possibilities with additional education:
- Electrical Contractor
- Electrical Engineer
- Journeyman Electrician

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Northern Montgomery County Technical Career Center does not discriminate on the basis of race, color, national origin, sex, disability or age in its programs or activities and provides equal access to youth groups.

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