Total minimum required units: 11

**Required Courses:**
- ELTRN 120 Direct Current Circuits
- ELECT 120 Direct Current Circuits
- ELECT 266 Electrical Codes: Articles 90-398
- ELTRN 121 Alternating Current Circuits

**Plus at Least 4 Units From:**
- ELECT 120 Direct Current Circuits
- ELTRN 121 Alternating Current Circuits

**Careers in:**
- Electrical, medical, industrial, commercial systems, programmable logic controller systems, automotive, communications

**Program Learning Outcomes:**
1. Identify common electrical circuit components and their use.
2. Solve AC and DC circuits for voltage, current, resistance, power, and other parameters.
3. Operate and understand common laboratory instruments used in the analysis, construction, and troubleshooting of AC and DC circuits.
4. Apply specific sections of the national electrical code to electrical systems.

You need to see a Counselor for specific recommendations about courses that will best meet your educational goals. Not all courses on the map are offered every term. Consult the Catalog and the Schedule of Classes for more details.

For information on transferring, see: https://www.dvc.edu/enrollment/transfer/index.html

For information on careers in this field see: https://www.dvc.edu/enrollment/career-employment/index.html

5-30-2021