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 about 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

Entry

**Energy Systems AS**

**TAKE 1**

- **REQUIRED**
  - ENSYS 120 Introduction to Energy Systems
  - ENSYS 125 Building Envelope and Systems
  - ENSYS 130 Photovoltaic Systems Design and Installation
  - ELTRN 120 Direct Current Circuits

**TAKE 12 UNITS**

- **ARCHI 207** Environmental Control Systems
- **ELECT 120** Direct Current Circuits
- **ENSYS 125** Building Envelope and Systems
- **ENSYS 130** Photovoltaic Systems Design and Installation
- **ENSYS 230** Advanced Photovoltaic Systems
- **ENSYS 260** Solar Photovoltaic and Thermal Installation Techniques
- **ELECT 121** Alternating Current Circuits
- **ELECT 266** Electrical Codes: Articles 90-398
- **ELECT 267** Electrical Codes: Articles 400-830
- **ELTRN 120** Direct Current Circuits
- **ENSYS 260** Solar Photovoltaic and Thermal Installation Techniques
- **ELTRN 120** Direct Current Circuits

**Careers in**

- Field of alternate/renewable energy
- Installation/design/maintenance of these systems

**PROGRAM LEARNING OUTCOMES**

1. Identify, measure, and analyze the major energy uses in typical business operations, focusing beyond the building and into processes.
2. Demonstrate the electrical and energy systems skills to successfully interact with builders, architects, engineers, and constructors and advise on building and systems energy use.
3. Design medium complexity solar photovoltaic or other energy system for medium size commercial buildings and processes.