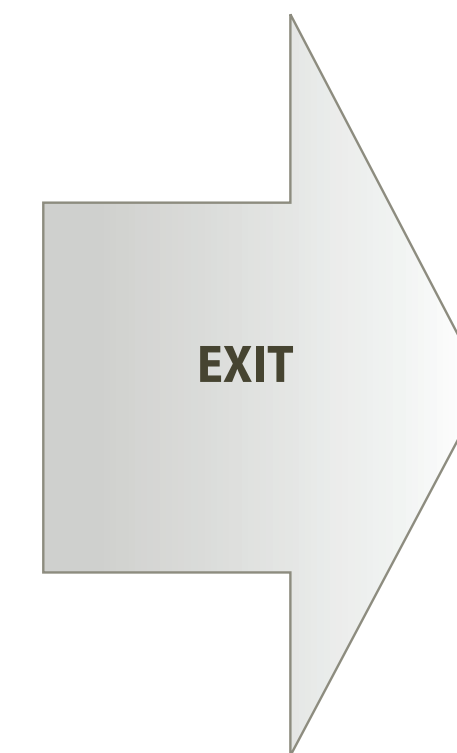
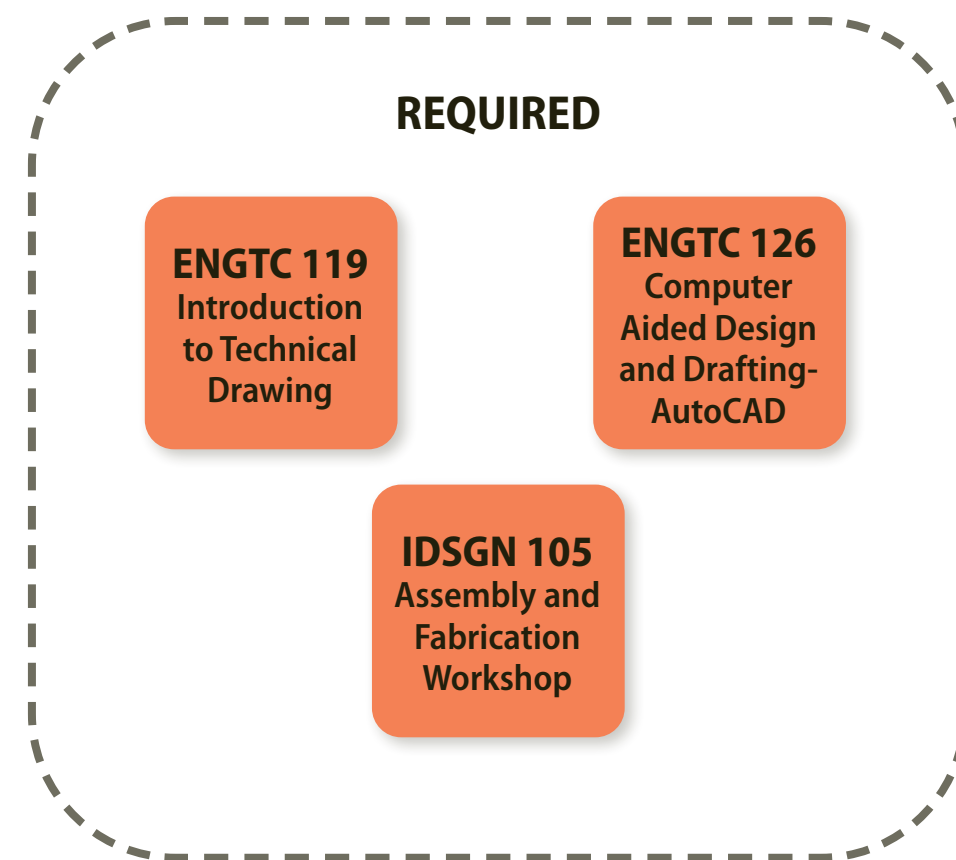
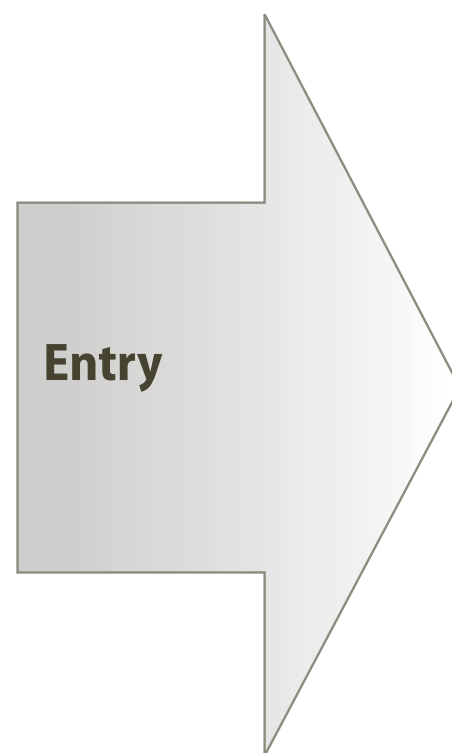


# Pre-engineering Technology Certificate of Accomplishment

## PROGRAM LEARNING OUTCOMES

Students completing the program will be able to:

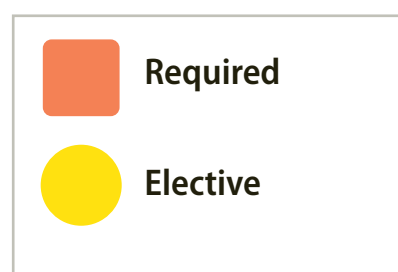
- A. Develop technical drawings with detailed dimensions using hand drafting line work and lettering.
- B. Create 2-dimensional computer aided design (CAD) drawings and 3-dimensional computer models.
- C. Safely operate hand and power tools.
- D. Use measuring devices to calculate and verify tolerances for metal, wood, and plastics parts.
- E. Apply prototyping techniques for engineering, product design, and manufacturing.



## Careers in

- mTECH (industrial machine maintenance), manufacturing, industrial design, or electromechanical.
- The courses provide students with skills in technical drawing, computer aided design (CAD), and traditional shop tools.

**total minimum required units 8**



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>

6-2-2021