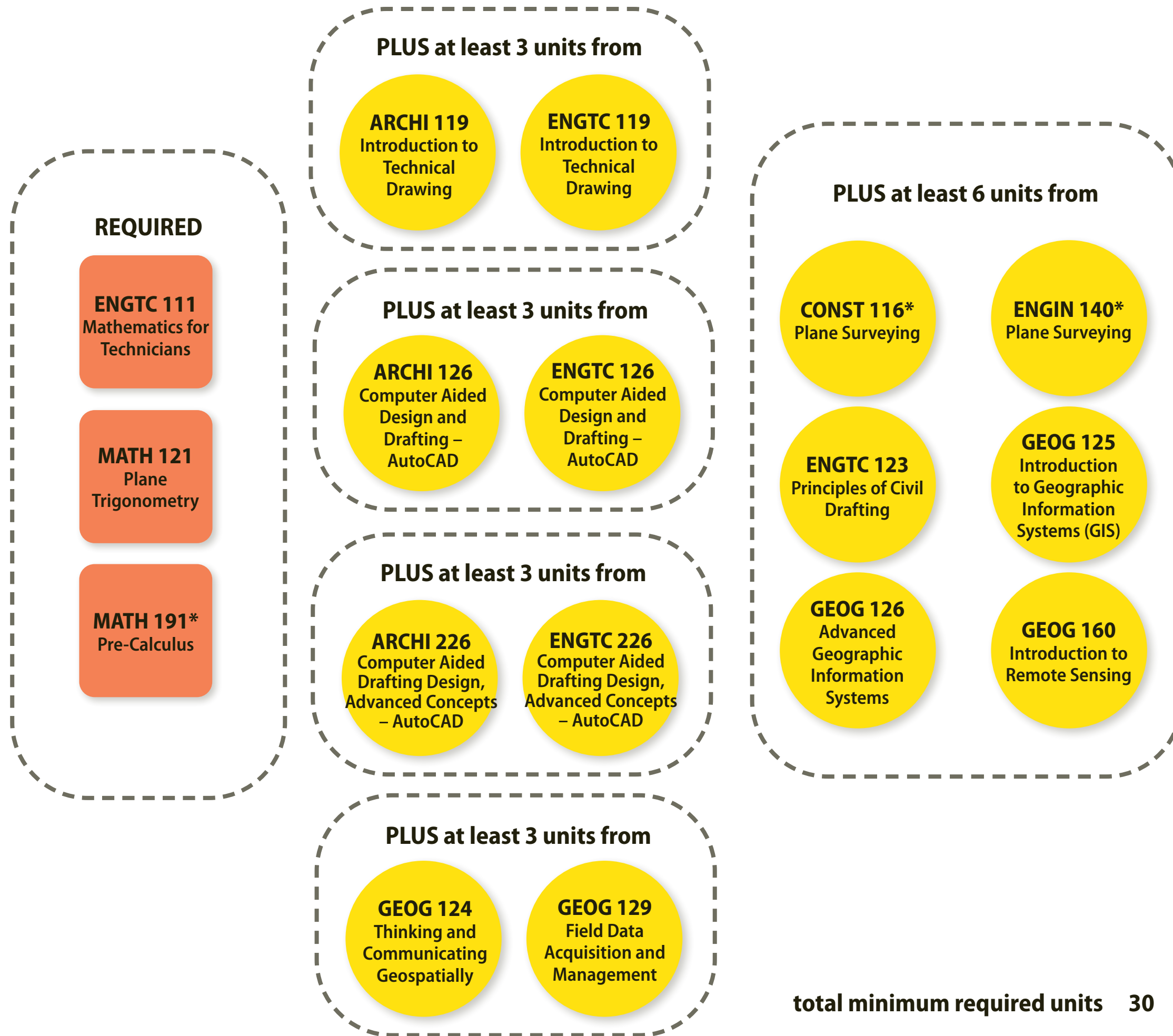
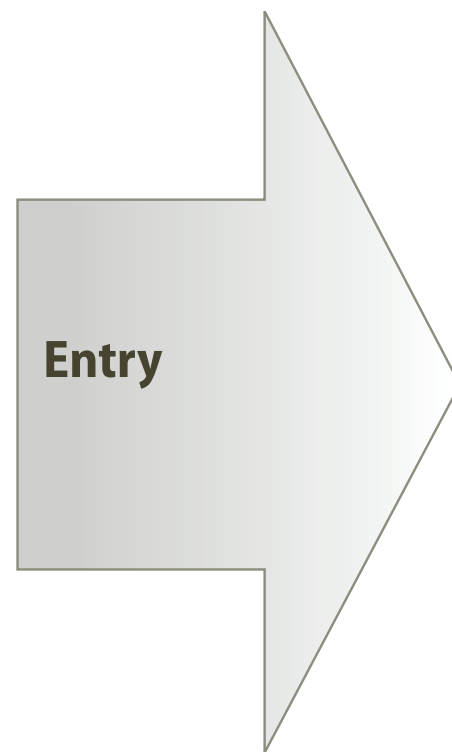


# ENGTC Civil Design Drafting Technology Certificate of Achievement

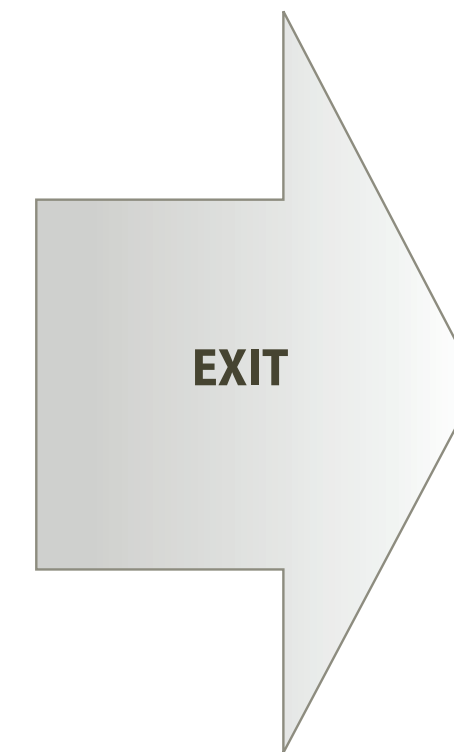


**total minimum required units 30**

## PROGRAM LEARNING OUTCOMES

Students completing the program will be able to:

1. Use technical drafting principles to develop technical drawings.
2. Interpret construction blueprints.
3. Use geometric construction and descriptive geometry to solve geometric problems.
4. Create 2-dimensional and 3-dimensional computer aided drawings (CAD).
5. Interpret global positioning data.
6. Measure land forms using ground surveying equipment.
7. Apply trigonometry to math problems.
8. Apply the basic laws of physics to everyday situations.



## Careers in

- Entry level job as a civil drafter.

Required

Elective

\* Certain courses required for this certificate have recommended or prerequisite coursework that could add additional units.

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>