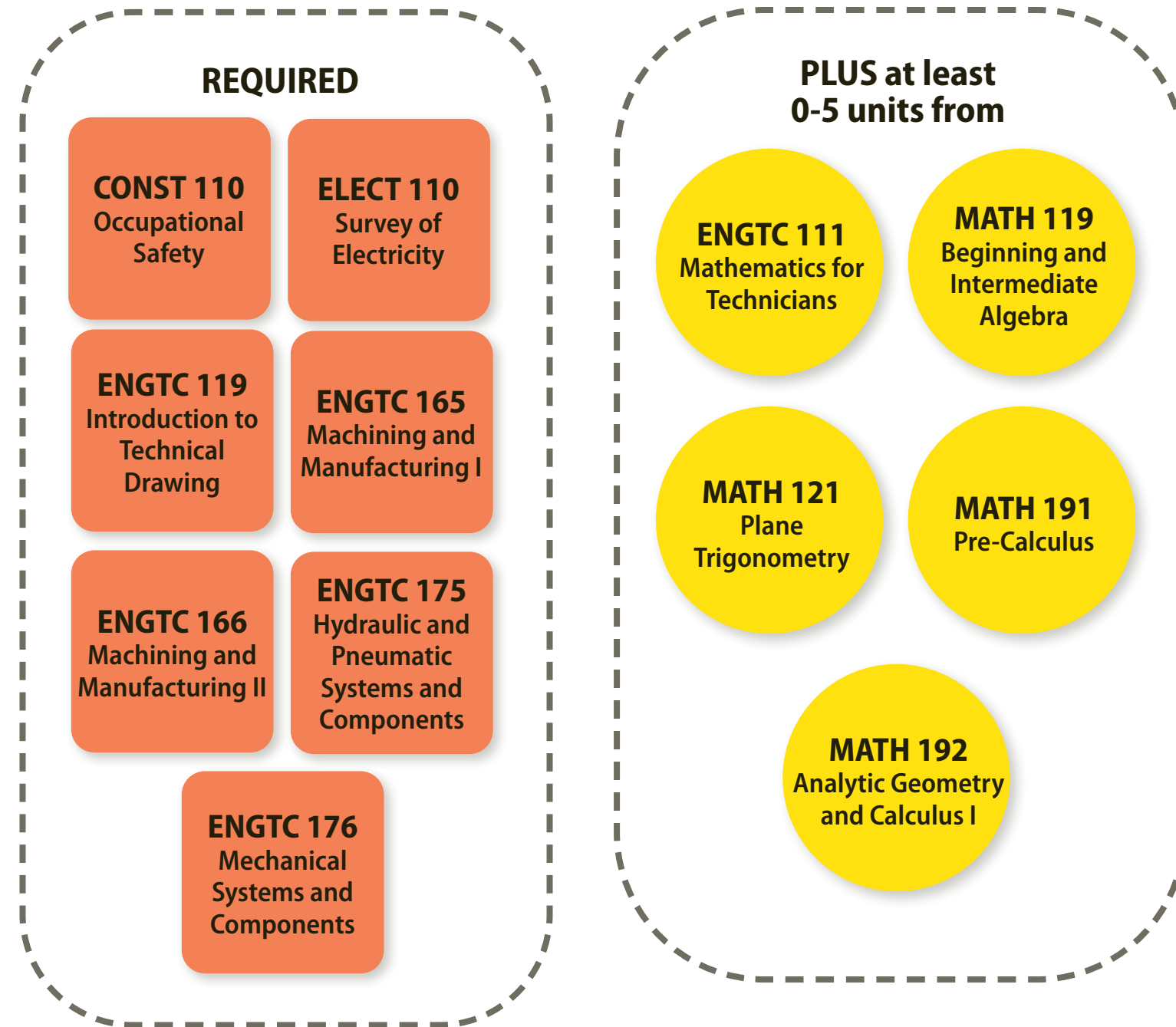
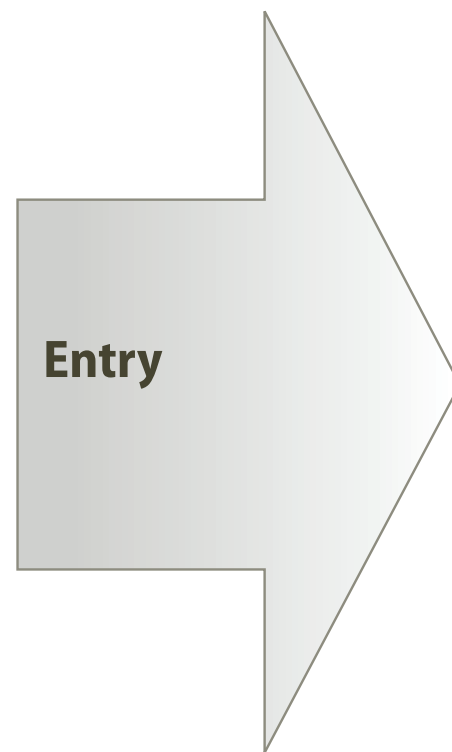


ENGTC mTECH Industrial Maintenance Machinist/Mechanic Certificate of Achievement



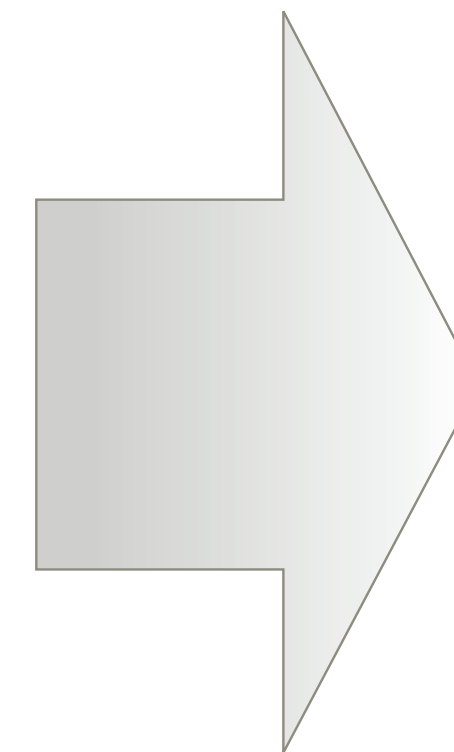
total minimum required units 19

Required
 Elective

PROGRAM LEARNING OUTCOMES

Students completing the program will be able to:

1. Discuss the role of the industrial maintenance machinist/ mechanic in shop and field maintenance safety.
2. Interpret blueprints and technical drawings for parts manufacturing and maintenance repair operations
3. Grind high speed steel tool bits for general purpose turning and threading.
4. Cut multiple lead and acme threads on a lathe.
5. Use the vertical milling machine to drill holes, index, bore hole to a specified diameter and depth, mill surfaces and edges, and use an indicator to reference work.
6. Replace a single mechanical seal in a centrifugal pump.
7. Align a pump shaft to a motor to a specified tolerance.



Careers in

- The manufacturing industry including industrial machinery mechanics, maintenance specialists or technicians, and machinery maintenance workers in industries including chemical, refinery, and public works.

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>