

Essential CAD

6 unit certificate

This certificate prepares students with the knowledge and skills in using CAD to prepare complicated 2D and 3D geometric shapes and models used in Architecture and Mechanical industry. Perfect to help someone already in the industry to update their skills.

Required Courses

DFT/ENE-30 Computer-Aided Design (3 units)*

Advisory: CIS-1A

A two-dimensional Computer-Aided Design class for drafters. Students will use a CAD computer drafting system to develop computer drawn drawings which are typical to the various fields of drafting.

AND

DFT-31 Advanced Computer-Aided Design (3 units)*

Prerequisite: DFT/ENE-30

An advanced two-dimensional Computer-Aided Design class for drafters showcasing design drawings and models. Students will use a CAD computer drafting system to prepare drawings such as orthographic and auxiliary views, sections with standard annotation and details.

Essential CAD Certificate

Tuition \$46/unit • Duration of Study: 4 months

A Certificate in Essential CAD is awarded upon completion of both courses (6 units). Please refer to the Norco College Catalog or visit the Counseling Center for ideas on how you can add this certificate to fulfill your education and career goals.

Job & Wage Information

- CAD Operator/Mechanical Drafter
Wage Range*: \$22.35-34.43
0% increase expected in CA 2020-2030;
530 openings annually
More info:
<http://bit.ly/MechanicalDrafterNC>
- Engineering Assistant/Engineering Technician
Wage Range*: \$21.75-35.98
5-10% increase expected in CA 2020-2030;
870 openings annually
More info:
<http://bit.ly/EngineeringTechnicianNC>
- Manufacturing Engineer Technician
Wage Range*: \$21.75-35.98
10-15% increase expected in CA 2020-2030;
870 openings annually
More info:
<http://bit.ly/EngineeringTechnicianNC>

*2020, Riverside/Ontario/San Bernardino Metro Area

What type of interests might be a good fit for this career choice?



Realistic

People who have athletic or mechanical ability and prefer to work with objects, machines and tools. Preference for working with things over people.

For more information on careers that fit this category of interests, visit the Career Center in the Center for Student Success.

What's Your School?

SCHOOL OF
Science, Technology,
Engineering & Mathematics

Visit www.norcollege.edu/STEM for more information about this program.