

DRAFTING TECHNOLOGY

Program Description

This program prepares individuals to apply technical skills and advanced computer software and hardware to the creation of graphic representations and simulation in support of drafting and engineering design problems typical of industry. This includes instruction in engineering graphics, computer-aided drafting (CAD), two-dimensional and three-dimensional engineering design, solids modeling, rapid prototyping and engineering animation.

Campus
NOR

Award Type
AS. S

Career Opportunities

- Architectural Drafter
- Cartographer
- Civil Drafter
- Drafter
- Surveying and Mapping Technicians

Wages

	Annual	Hourly
Architectural Drafter	\$47,100	\$22.66
Cartographers	\$56,000	\$26.92
Civil Drafter	\$48,658	\$25.34
Drafter	\$46,552	\$24.24
Surveying and Mapping Technicians	\$52,158	\$27.16

Contact Information

Norco – (951) 372-7105

DRAFTING TECHNOLOGY

AS539/CE539

Certificate Program

Required Courses (24-25 units)		Units
ENE-21	Drafting	3
ENE-22	Engineering Drawing	3
ENE-28	Technical Design	3
ENE-30	Computer Aided Drafting (CAD)	3
ENE-31	Computer Aided Drafting and Design	3
ENE-51	Blueprint Reading	2
ENE-52	Geometric Dimensioning & Tolerancing	2
ENE-60	Math for Engineering Technology	3
Electives	(Choose from list below)	2-3

Electives		(2-3 Units)
ARE-24	Architectural Drafting	3
ENE-23	Descriptive Geometry	3
ENE-26	Civil Engineering Drafting	3
ELE/ENE-27	Technical Communication	3
ENE-42	3D Parametric Solid Modeling	3
WEL/ENE/MAN-34	Metal Joining Processes	2

Associate in Science Degree

The Associate in Science degree in Drafting Technology will be awarded upon completion of the requirements for the certificate, plus completion of the graduation requirements as described in the catalog, as well as electives totaling 60 units of college work as required for the associate degree.

