



SUNY NIAGARA

Computer Aided Drafting, Cert.

Overview

This program will expose students to drafting, emphasizing CADD as it relates to mechanical, civil and piping. The program is broad-based so that the preparation will allow students to advance in the field as technical designers. Upon completion of the certificate, students may additionally elect to complete studies at the associate degree level.

Careers

Careers related to your program of study:

- Architectural Drafter
- Electrical Drafter
- Mechanical Drafter
- Process Piping Drafter
- Structural Drafter

Some careers may require more specialized education.

Contact

Program Coordinator

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Division

Business & STEM
716-614-6410

Visit full catalog for specific course offerings for each semester:

www.niagaracc.suny.edu/programs/cad

Program Requirements

First Semester

	Credits
DRF 173- Introduction to Computer Aided Drafting Design	2
DRF 173L- Introduction to Computer Aided Drafting Design Lab	0
DRF 180 - Drafting Techniques I	3
ENG 101 - Writing I	3
MAT ____ - Mathematics by Advisement	4
DRF 182 – Process Piping Drafting – CADD AND	4
DRF 182L – Process Piping Draft – CADD Lab OR	0
DRF 286 - ASME Pressure Vessel & Structural Design AND	4
DRF 286L - ASME Pressure Vessel & Structural Design Lab	0
Total Credit Hours:	16 Cr.

Second Semester

CIS 1xx - 100-level course by advisement	1
DRF 181 – Civil/Architectural Commercial Drafting	4
DRF 181L – Civil/Architectural Commercial Drafting Lab	0
DRF 283 - Mechanical Design (CADD)	4
DRF 283L - Mechanical Design (CADD)	0
TEC 120 - Applied Engineering Mechanics	3
MET 125 - Processes	3
TEC 110 - Introduction to Technical Calculations	1
Total Credit Hours:	16 Cr.