

# Drafting Technology

## Certificate of Achievement

The drafting technology certificate is a one-year program designed to provide training and technical job skills to students seeking employment and/or skill upgrades. A drafting technician works with designers and engineers within a variety of industries including manufacturing, architecture, construction and landscaping. The program is competency-based. Students complete a variety of hands-on learning exercises ranging from manually drafted drawings to advanced computerized two and three dimensional wireframe and solid modeling projects.

### General Education Requirements

Communications	3 credits
Human Relations	3 credits
Quantitative Reasoning	3 credits
<b>Total General Education Requirements</b>	<b>9 Credits</b>

### Core Requirements

CADD 100	Introduction to Computer-Aided Drafting .....	3
CADD 105	Intermediate Computer-Aided Drafting .....	3
CADD 140	Technical Drafting I .....	3
CADD 141	Technical Drafting II .....	3
CADD 142	Technical Drafting III .....	3
CADD 299	Capstone/Assessment .....	1
COT 204	Using Windows .....	3
DFT 100	Basic Drafting Principles.....	3
DFT 110	Blueprint Reading for Industry.....	3

<b>Total Core Requirements</b>	<b>25 Credits</b>
<b>Total Certificate Requirements</b>	<b>34 Credits</b>

### Suggested Course Sequence

First Year	Course #	Title	Credits
<b>1st Semester</b>			
Communications	ENG 107	Technical Communications I	3
Core	CADD 100	Introduction to Computer-Aided Drafting	3
Core	COT 204	Using Windows	3
Quantitative Reasoning	Elective	MATH 120 or higher	3
Core	DFT 100	Basic Drafting Principles	3
Core	DFT 110	Blueprint Reading for Industry	3
<b>Total</b>			<b>18</b>
<b>2nd Semester</b>			
Core	CADD 105	Intermediate Computer-Aided Drafting	3
Core	CADD 140	Technical Drafting I*	3
Core	CADD 141	Technical Drafting II*	3
Core	CADD 142	Technical Drafting III**	3
Core	CADD 299	Capstone/Assessment	1
Human Relations	CE 201	Workplace Readiness	3
<b>Total</b>			<b>16</b>
<b>Certificate Total</b>			<b>34</b>
* Courses offered 1st half of semester			
** Courses offered 2nd half of semester			