

# ENGINEERING AND DRAFTING TECHNICIAN, ONE-YEAR CERTIFICATE

Prerequisites and Course Availability per Term  
(for complete information, see 2015-2016 UCC Catalogue)

REVISED 02/10/15

	Course No. and Course Name	Term Offered				Credits	Prerequisites/Notes	
		F	W	S	S			
Term 1	DRF 112	Computer Aided Drafting (CAD) I	x				3	
	ENGR 111	Engineering Orientation I	x				3	MTH 65 Elementary Algebra
	MTH 95	Intermediate Algebra	x	x	x	x	4	MTH 65 Elementary Algebra
	WR 121	English Composition, Intro to Argument	x	x	x	x	4	
		Human Relations Elective	x	x	x	x	3	Approved list on page 76 of catalog
Term 2	DRF 113	Computer Aided Drafting (CAD) II		x			3	DRF 112 CAD I
	GIS 134	Intro to Geographic Information Systems (GIS)		x			3	
	ENGR 112	Engineering Orientation II		x			3	ENGR 112 Engineering Orientation I
	MTH 111	Algebra	x	x	x	x	5	MTH 95 Pre-Algebra
Term 3	CIV 114	CAD - Civil 3D			x		3	DRF 113 CAD I
	DRF 116	Structural Drafting			x		3	DRF 113 CAD II
	ENGR 245	Engineering Graphics			x		3	DRF 112 CAD I
	MTH 112	Elementary Functions	x	x	x	x	4	MTH 111 Algebra
	SUR 161	Surveying I			x		4	MTH 95 Pre-Algebra
Summer								
Term 4								
Term 5								
Term 6								
<b>TOTAL DEGREE CREDITS</b>							<b>48</b>	

\*A grade of "C" or better is required in the indicated course all courses.

**Program Advisor:** Clay Baumgartner

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**NOTES:**

Students may benefit by taking higher level of math, depending on math placement scores and/or past math courses