



**Drafting and Design Technology
Associate in Science Degree | Program: 2135 | 60 credits
CIP # 1615130202**

Course Sequence Guide for Full-Time Enrollment

SEMESTER	Course ID	Course Title	Credits	Pre/Corequisites
Semester 1	ENC1101	College Composition	3	Prerequisite: Course, placement, or eligible exemption
	MAC1105	College Algebra	3	Prerequisite: MAT1033 or appropriate placement scores
	EGS1002	Introduction to Engineering Technology	3	
	EGN1111C	Engineering Graphics	3	
	ETI1701	Industrial Safety	3	
	Total Credits			15
Semester 2	Science	Any Natural Science State Core	3	Prerequisite: Course, placement, or eligible exemption
	BCN1001	Applied Math Concepts for Design and Construction	3	Prerequisite: MAC1105
	ETM1010C	Mechanical Measurement and Instrumentation	3	
	ETI1110	Quality Assurance	3	
	ETD1320	Introduction to CAD	3	
	Total Credits			15
Semester 3	CGS1060 or CGS2100	Computer and Internet Literacy -or- Microcomputer Applications for Business		Prerequisite: Course, placement, or eligible exemption Prerequisite: MAT1033 or OST1324
	Social Science	Any Social Science State Core group 2	3	Prerequisite: Course, placement, or eligible exemption
	Total Credits			6
Semester 4	BCN2230	Construction Materials and Methods	3	
	BCT2770	Construction Estimating I	3	Prerequisite: MAC1105 and BCN1001
	ETD2340	Advanced CAD	3	Prerequisite: ETD1320
	SUR2100C	Fundamentals of Land Surveying	3	Prerequisite: MAC1105 and BCN1001
	Total Credits			12
Semester 5	Humanities	Any Humanities State Core	3	Prerequisite: ENC1101
	BCN1040	Introduction to Sustainable/Green Building Principles	3	
	ETD2390	3D Auto CAD/Revit	3	Prerequisite: ETD2340
	SUR2390	GIS Application in Engineering and Technology	3	
	Total Credits			12
PROGRAM TOTAL			60	