

Engineering Technology
Associate in Science Degree | Program: 2163 | 60 credits
CIP # 1615000001

Course Sequence Guide for Full-Time Enrollment

SEMESTER	Course ID	Course Title	Credits	Pre/Corequisites
Semester 1	Mathematics	Any Mathematics State Core	3	Prerequisite: Course, placement, or eligible exemption
	EGN1111C	Engineering Graphics	3	
	ETM1010C	Mechanical Measurement and Instrumentation	3	
	EET1084C	Introduction to Electronics	3	
	ETI1701	Industrial Safety	3	
	Total Credits		15	
Semester 2	ENC1101	College Composition	3	Prerequisite: Course, placement, or eligible exemption
	ETD1320	Introduction to CAD	3	
	ETI1420C	Manufacturing Processes and Materials	3	
	ETI1110	Quality Assurance	3	
	EGS1002	Introduction to Engineering	3	
	Total Credits		15	
Semester 3	Science	Any Natural Science State Core	3	Prerequisite: Course, placement, or eligible exemption
	Social Science	Any Social Science State Core group 2	3	Prerequisite: Course, placement, or eligible exemption
	Total Credits		6	
Semester 4	Humanities	Any Humanities State Core	3	Prerequisite: ENC1101
	BCN2405	Statics and Strength of Materials	3	Prerequisite: BCN1001
	ETS1603C	Introduction to Robotics	3	Prerequisite: Course, placement, or eligible exemption
	ETS1511C	Motors and Controls	3	
	Total Credits		12	
Semester 5	ETM2315C	Hydraulics and Pneumatics	3	Prerequisite: EET1084C
	ETS1542C	Introduction to Programmable Logic	3	
	ETI1622	Concepts of Lean Manufacturing and Six Sigma	3	
	ETS2160C	Semiconductor Manufacturing Fundamentals	3	
	Total Credits		12	
PROGRAM TOTAL			60	