



**ENGINEERING**

**Engineering Technology (4300) Associate in Science Program**

Term/Yr	Create Your Own Personal Course Map	Credits	Term	Recommended Course Map	Notes
			1st Semester	EET 1084C Introduction to Electricity & Electronics	3 credits 4 contact hours
				ETI 1110 Introduction to Quality Assurance	3 credits 3 contact hours
				ETI 1701 Industrial Safety	3 credits 3 contact hours
				ETI 1060 Mathematical Applications in Engineering Technology (elective)	3 credits 3 contact hours
			2nd Semester	ETI 1420C Manufacturing Processes & Materials	3 credits 4 contact hours
				ETM 1010C Mechanical Measurement & Instrumentation	3 credits 4 contact hours
				ETS 2527C Electromechanical Components & Mechanisms	3 credits 4 contact hours
				ETI 1622 Concepts of Lean and Six Sigma	3 credits 4 contact hours
					<i>Completion of Engineering Technology Support Specialist College Credit Certificate</i>
			3rd Semester	ETI 1843C Motors and Controls	3 credits 4 contact hours
				ENC 1101 English Composition 1	3 credits 3 contact hours
				MAC 1105 College Algebra	3 credits 3 contact hours
			4th Semester	ETM 2315C Hydraulics and Pneumatics	3 credits 4 contact hours
				ETS 1542C Introduction to Programmable Logic Controllers	3 credits 4 contact hours
				ETS 1603C Fundamentals of Robotics	3 credits 4 contact hours
					<i>Completion of Mechatronics College Credit Certificate</i>
			5th Semester	ETS 2604C Robotics Applications (elective/required for Robotics CCC)	3 credits 4 contact hours
				ETS 2544C Programmable Logic Controllers II	3 credits 4 contact hours
				ETS 1535C Automated Process Control	3 credits 4 contact hours
				ENC 1102 English Composition 2 <b>or</b> ENC 2210 Technical and Professional Writing (technical elective)	3 credits 3 contact hours
				General Education Social Science	3 credits 3 contact hours
					<i>Completion of Robotics College Credit Certificate</i>
			6th Semester	ETI 1949 Special Topics in Manufacturing (elective)	3 credits 3 contact hours
				General Education Humanities	3 credits 3 contact hours

Total Credits Needed 60  
 Total Credits Earned: 0  
 Percentage of Completion: 0%

College Credit Certificates: 1) ET Support Specialist  
 2) Mechatronics  
 3) Robotics

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