



Fall Term 1	12 credit hours	Hours	Notes
Full Semester			
• ELT 183 Digital Circuits		3	
• MAT 100 Technical Math <i>Mathematics</i>		3	Prerequisite: MAT 082 or a satisfactory score on the mathematics skills assessment.
1st 8 weeks			
• ELT 111 DC Electrical Systems		3	
2nd 8 weeks			
• ELT 112 AC Electrical Systems		3	Prerequisite: ELT 111
Term hours subtotal:		12	
Spring Term 1	15 credit hours	Hours	Notes
• ELT 126 Solid State Devices		3	Prerequisite: ELT 111 AND ELT 112
• MET 160 Basic Machine Hydraulics & Pneumatics		2	
• PSY 101 Introductory Psychology OR SOC 101 Introduction to Sociology <i>Arts and Humanities OR Social and Behavioral Science</i>		3	
• EGR 180 OR ELT 130 OR ELT 135 OR ELT 141 OR ELT 296 <i>Program Elective</i>		3	ELT 141 Prerequisite: ELT 101 OR ELT 112 ELT 296 Prerequisites: Student must have a GPA of 2.0; have completed specific degree requirements as required by the program; and have completed the internship application process.
1st 8 weeks			
• ELT 162 Microprocessors & Microcontrollers		2	Prerequisite: ELT 183
2nd 8 weeks			
• ELT 165 Programmable Logic Controllers		2	Prerequisite: ELT 101 OR ELT 111
Term hours subtotal:		15	
Summer Term 1	3 credit hours	Hours	Notes
• AGS 101 - Microcomputers in Agriculture OR CSA 126 Microsoft Office for Windows		3	
Term hours subtotal:		3	
Fall Term 2	15 credit hours	Hours	Notes
• ELT 171 Process Control Instrumentation		3	Prerequisite: ELT 126
• ELT 221 Communication Systems and Circuits		3	Prerequisite: ELT 126 AND ELT 162
• EGR 102 OR ELT/TDP 108 OR ELT 130 OR ELT 296 OR WLD 113 <i>Program Elective</i>		3	ELT 296 Prerequisites: Student must have a GPA of 2.0; have completed specific degree requirements as required by the program; and have completed the internship application process. Prerequisite: Reading Proficiency
• ART 112 Two-Dimensional Design <i>Arts and Humanities OR Social and Behavioral Science</i>		3	
• ENG 136 Technical Writing <i>College Composition or Applied Communication</i>		3	Prerequisite: Satisfactory score on the English skills assessment or ENG 095.
Term hours subtotal:		15	
Spring Term 2	15 credit hours	Hours	Notes
• ELT 272 Motors and Motor Control		3	Prerequisite: ELT 126
• ELT 258 Electronic Troubleshooting		2	Prerequisite: ELT 126 AND 162
• EGR 180 OR ELT 130 OR ELT 135 OR ELT 140 OR ELT 141 OR ELT 296 <i>Program Elective</i>		3	ELT 140 Prerequisite: ELT 130 ELT 141 Prerequisite: ELT 101 OR ELT 112 ELT 296 Prerequisites: Student must have a GPA of 2.0; have completed specific degree requirements as required by the program; and have completed the internship application process.
• COM 100 Introduction to Human Communication <i>College Composition or Applied Communication</i>		3	Prerequisite: Reading Proficiency
• BIO 100 Biology Concepts OR BIO 105 Environmental Biology OR PHY 100 Introduction to Astronomy <i>Physical and Biological Science</i>		4	Prerequisite: Reading Proficiency
Term hours subtotal:		15	

This recommended sequence is not a binding agreement of any kind between Yavapai College and the student, but merely represents a potential curriculum that may be altered as appropriate to meet the student's academic objectives. Course availability is subject to change and all courses are not available every semester. Students should inquire each semester with their Advisor before registering to determine current requirements and possible changes to the suggested curriculum.