



| Fall Term 1 | | 12 credit hours | Hours | Notes |
|-----------------------------|--|-----------------|-----------|---|
| • | ELT 183 Digital Circuits | | 3 | |
| • | MAT 100 Technical Math <small>Recommended Mathematics</small> | | 3 | Prerequisites: MAT 082 or a satisfactory score on the mathematics skills assessment. |
| 1 st 8 weeks | | | | |
| • | ELT 111 DC Electrical Systems | | 3 | |
| 2 nd 8 weeks | | | | |
| • | ELT 112 AC Electrical Systems | | 3 | Prerequisites: ELT 111 (may be taken concurrently) |
| Term hours subtotal: | | | 12 | |

| Spring Term 1 | | 16 credit hours | Hours | Notes |
|-----------------------------|---|-----------------|-----------|---|
| • | ELT 126 Solid State Devices | | 3 | Prerequisites: ELT 111 and ELT 112 |
| • | Program Elective | | 3 | |
| 1 st 8 weeks | | | | |
| • | AIT 120 Pneumatic Systems | | 3 | |
| • | ELT 162 Mircroprocessors & Microcontrollers | | 2 | Prerequisites: ELT 183 |
| 2 nd 8 weeks | | | | |
| • | AIT 115 Hydraulic Systems | | 3 | |
| • | ELT 165 Programmable Logic Controllers | | 2 | Prerequisites: ELT 101 or ELT 111 |
| Term hours subtotal: | | | 16 | |

| Summer Term 1 | | 6 credit hours | Hours | Notes |
|-----------------------------|--|----------------|----------|-------|
| • | CSA 126 Microsoft Office for Windows | | 3 | |
| • | PSY 101 Introductory Psychology <small>Recommended Social and Behavioral Sciences</small> | | 3 | |
| Term hours subtotal: | | | 6 | |

| Fall Term 2 | | 15 credit hours | Hours | Notes |
|-----------------------------|---|-----------------|-----------|---|
| • | ART 112 Two-Dimensional Design <small>Recommended Arts and Humanities</small> | | 3 | Prerequisites: Reading Proficiency |
| • | ELT 221 Communication Systems and Circuits | | 3 | Prerequisites: ELT 126 and ELT 162 |
| • | ELT 271 Process Control Instrumentation | | 3 | Prerequisites: ELT 126 |
| • | Program Elective | | 3 | |
| 1 st 8 weeks | | | | |
| • | ENG 136 Tech Writing <small>Recommended College Composition or Applied Communication</small> | | 3 | Prerequisites: Satisfactory score on the English skills assessment or ENG 095. |
| Term hours subtotal: | | | 15 | |

| Spring Term 2 | | 15 credit hours | Hours | Notes |
|-----------------------------|---|-----------------|-----------|---|
| • | BIO 100 Biology Concepts <small>Recommended Physical and Biological Sciences</small> | | 4 | |
| • | COM 100 Intro to Human Communication <small>Recommended College Composition or Applied Communication</small> | | 3 | |
| • | ELT 258 Electronic Troubleshooting | | 2 | Prerequisites: ELT 126 and ELT 162 |
| • | ELT 272 Motors and Motor Control | | 3 | Prerequisites: ELT 126 |
| • | Program Elective | | 3 | |
| 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 requested curriculum.