



BEVILL STATE Community College

Fayette | Hamilton | Jasper | Sumiton | Carrollton

Your Story Starts Here...

| Electrical Systems Technology Industrial System Technology (IST) Sumiton Campus | | | | | | | | |
|---|---|---|--------------|-----------------------|---------|---------|---------|------|
| Associate in Applied Science / Long Term Certificate / Short Term Certificates | | | | | | | | |
| Full-time | Course Prefix | Course Description | Credit hours | Degree / Certificates | | | | Area |
| | | | | AAS | AUT-STC | ILT-STC | IPT-STC | |
| Semester 1 Fall | ETC 101 | DC Fundamentals | 3 | AAS | AUT | ILT | IPT | V |
| | ETC 102 | AC Fundamentals | 3 | AAS | AUT | ILT | IPT | V |
| | ETC 103 | Solid State Fundamentals | 3 | AAS | | ILT | | V |
| | ETC 104 | Digital Fundamentals | 3 | AAS | | ILT | | V |
| | ORI 107 | Student Survival Skills | 1 | AAS | AUT | ILT | IPT | V |
| Semester 2 Spring | INT 117 | Principles Ind. Mechanics | 3 | AAS | | | | V |
| | INT 118 | Hyd/Pneu Fundamentals | 3 | AAS | AUT | | IPT | V |
| | Academic | History or Social/Behavioral Science Elective | 3 | AAS | | | | IV |
| | ENG 101 | English Comp. I | 3 | AAS | | | | I |
| Semester 3 Summer | ILT 108 | Intro Process Control | 3 | AAS | | | | V |
| | ILT 110 | Adv. Process Controls | 3 | AAS | | | | V |
| | ADM 291 | *MSSC Safety | 3 | AAS | AUT | ILT | IPT | V |
| | ELT 118 | Comm./Industrial Wiring | 3 | AAS | | | | V |
| Semester 4 Fall | ETC 108 | Motor Controls I | 3 | AAS | | | IPT | V |
| | ELT 212 | Motor Controls II | 3 | AAS | | | IPT | V |
| | MTH | MTH116 or Higher | 3 | AAS | | | | III |
| | Academic | Natural Science/Math Elective | 3 | AAS | | | | III |
| Semester 5 Spring | INT 184 | Intro to PLCs | 3 | AAS | AUT | | | V |
| | ILT 139 | Intro to Robotics | 3 | AAS | AUT | | | V |
| | ILT 196 | Adv. PLCs | 3 | AAS | | | | V |
| | AUT 219 | PLC Applications | 3 | AAS | AUT | | | V |
| | Academic | Humanities/Fine Arts Elective | 3 | AAS | | | | II |
| Awards | Associate in Applied Science (AAS) Total Credit Hours: 64-65 | | | | | | | |
| | AUT Short Term Certificate (STC) Automated Manufacturing Total Credit Hours: 22 | | | | | | | |
| | ILT Short Term Certificate (STC) Industrial Electronics Total Credit Hours: 19 | | | | | | | |
| | IPT Short Term Certificate (STC) Industrial Plant Technician Total Credit Hours: 13 | | | | | | | |

*Substituted for WK0110