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Automation Academy Course List

Year 1 (13 credits)

Fall Semester Credits

- 10804113 College Technical Math 1A 3
- 10628101 Concepts of Programming 1
- 10660110 DC Circuits 1 1
- 10661011 DC Circuits 2 1
- 10628187 AutoCAD Fundamentals 1

Spring Semester Credits

- 10660112 DC Circuits 3 1
- 10620111 Pneumatics 1 1
- 10620112 Pneumatics 2 1
- 10660170 Ladder Logic & Control Devices 1
- 10628188 Blueprint Reading & AutoCAD 1
- 10628151 PLC 1 1

Year 2 (13 credits)

Fall Semester Credits

- 10628152 PLC 2 1
- 10628153 PLC 3 1
- 10660114 AC Circuits 1 1
- 10449188 Essentials of Manufacturing Safety 1
- 10622018 Systems Troubleshooting 1
- 10628113 Electronic Construction Applications 1

Spring Semester Credits

- 10620164 Elements of Machines 1 1
- 10620165 Elements of Machines 2 1
- 10620148 Motors & Drives 1 1
- 10620142 Motors & Drives 2 1
- 10628181 Technical Software Essentials 1
- 10628159 Operator Interfaces 1
- 10660184 Computer Systems & Networks 1