Electronic Systems Specialist

(AAS.EETES) Associate in Applied Science Degree

Manufacturing

You might also like:

Workforce Ready
- Advanced Automation & Control Technology – page 21
- CNC Operator – page 41
- CNC Programmer – page 42
- Computer-Aided Design – page 48
- Computer-Aided Drafting – page 49
- Computer Integrated Manufacturing Technology – page 45
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The Electronic Systems Specialist program prepares the student for employment in the electronics field of choice utilizing a hands-on approach. The graduate may chose classes in the electronics fields of computers, networking, telecommunications, or manufacturing. Electronics Systems Specialist applies their knowledge of electronics by assisting electronics engineers, performing test on new equipment designs, doing field service work or performing maintenance and repair on sophisticated electronic systems such as robotics, computers, and industrial controls.

Program requirements may change over time. Specific degree/graduation requirements are determined by the students' degree audit.

FIRST YEAR

First Semester			Hours
☐	CAD 056	CAD I	2
☐	EET 040	Basic Electronic	2.5
☐	EET 050	Electric Circuits I *	2.5
☐		Technical Elective	3
☐	EET 056	Electronics Design and Fabrication	3
☐	TEC 050	Tech Math I	2
☐	TEC 052	Tech Math II *	2
		SEMESTER TOTALS	**17**

Second Semester			
☐	SPE 111	Introduction to Speech Communication	3
☐		Technical Elective	3
☐	HED 178	Responding to Emergencies *or*	
	SFS 101	Strategies for Success	2
☐	EET 076	Digital Logic *	3
☐	EET 052	Solid State Devices *	4
☐	TEC 054	Tech Math III *	2
		SEMESTER TOTALS	**17**

SECOND YEAR

First Semester			Hours
☐		Social Science Elective	3
☐	EET 048	Digital Circuits *	3
☐	EET 072	Industrial Control 1 *	2
☐	EET 086	PLC I *	2
☐	EET 081	Microcontroller Applications *	3
☐	EET 078	Linear Electronics *	3
		SEMESTER TOTALS	**16**

Second Semester			
☐	EET 080	R.F. Communications *	3
☐	EET 085	Electronic Project *	2
☐		Technical Elective	4.5
☐	PLC 040	Fundamentals of Instrumentation	3
☐	ENG 050	Writing for Industry	3
		SEMESTER TOTALS	**15.5**
		TOTAL PROGRAM HOURS	**65.5**

* There are prerequisites or course requisites for this course

NOTES:

Call Counseling Services: 217-234-5232
Email: counsel@lakeland.cc.il.us

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Email: mbeavers@lakeland.cc.il.us
Phone: 217-234-5341