

A suggested guide for the student planning employment in Electronics Engineering Technology after two years of college. Note: Some students may need to take one or more summer courses in order to finish all program requirements and to meet the minimum of 64 credit hours.

FIRST YEAR

First Semester	Second Semester
EET 102 2	EET 123 4
EET 103 2	EET 125 4
EET 113 4	MATH 141 4
ENG 101 3	Social Sci. Elective 3
MATH 135 3	or Recommended non-EET Elective
Social Sci. Elective 3	EET 104 or Gen. Ed 2/3
Total 17	Total 17/18

SECOND YEAR

First Semester	Second Semester
EET 114 4	EET Elective 4
EET 215 4	EET Elective 4
EET Elective 4	Recommended Non-EET EI 3
General Ed. Elective 3	Elective 3
Recommended	Total 14
Non-EET 3	
Total 18	

TE515

**ELECTRONICS ENGINEERING TECHNOLOGY
CERTIFICATE OF ACHIEVEMENT**

	Semester Hours
General Education Requirements	7
ENG 101 Rhetoric	2
MATH 098 Intermediate Algebra	3
EET Requirements	20
EET 102 Electronic Soldering, Circuit Board Rework and Repair	
EET 103 Project Construction	
EET 113 DC Circuit Analysis	
EET 114 Digital Electronics	
EET 123 AC Circuit Analysis	
EET 125 Solid State Circuitry	
EET Electives 4	
(Choose from the list of EET Electives listed in the A.A.S. Degree requirements)	
Recommended Non-EET Electives	3
(Choose from the list of Recommended Non-EET Electives listed in the A.A.S. Degree requirements)	
Total Required Hours	34

Admission

New full-time students are required to take the Placement tests which are designed to assess a student's present skills and recommend appropriate course placement. Part-time students who plan to take a math or English course or who have accumulated 12 or more credit hours also must take the tests.

Joliet Junior College believes that no students should be denied an education because of limited financial resources. If you are in need of financial assistance, please contact the Financial Aid Office, (815) 280-2528.

Joliet Junior College is committed to a policy of nondiscrimination on the basis of race, color, religion, national origin, ancestry, age, sex, marital status, disability, or unfavorable military discharge in its admission, employment, and educational programs and activities. Any inquiries regarding the college's policy of nondiscrimination should be addressed to the Director of Human Resources, Joliet Junior College, 1215 Houbolt Road, Joliet, IL 60431.

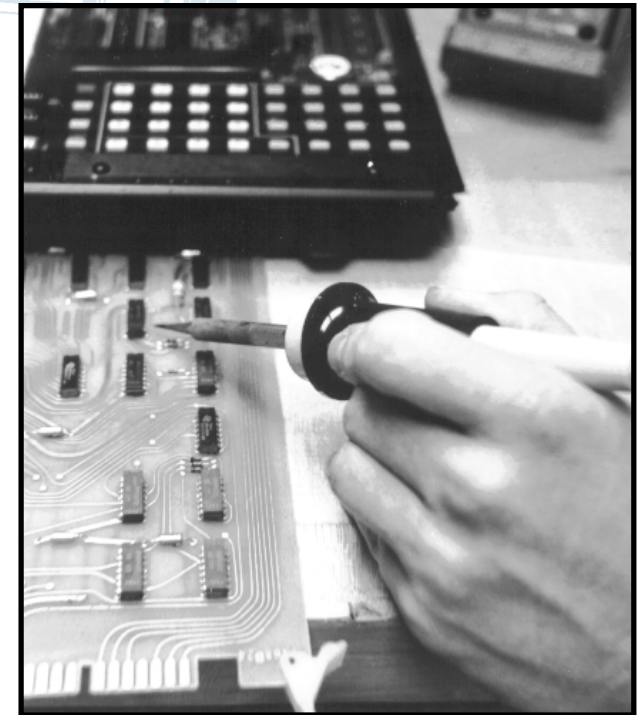


For more information write or call,
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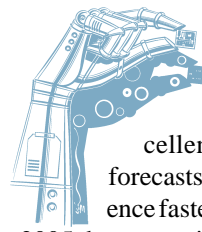
JOLIET
 Junior College

**Electronics
Engineering
Technology**



Reach for the Promise of Tomorrow

EET



Career Outlook

Employment opportunities for graduates of the EET program are excellent. The U.S. Department of Labor forecasts that employment in EET will experience faster than average growth through the year 2005 due to continued growth in the output of technical products. The cable television, cellular telephone, personal computer and medical electronics fields are rapidly growing areas expected to continue unprecedented growth in the future.

A follow-up survey of 500 Joliet Junior College graduates revealed the following statistics:

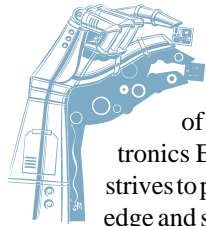
- 98% reported continued employment in the electronics field
- 75% reported annual incomes in excess of \$40,000
- 25% reported annual incomes in excess of \$56,000

Previous JJC graduates have been employed by major companies including Lucent Technologies, Fermilab, Commonwealth Edison, Motorola, Mobil Oil, Caterpillar, IBM, Apple Computer and Digital Equipment Corporation.

The EET program also is an excellent avenue for retraining and upgrading skills of experienced electrical/electronic engineering technicians.



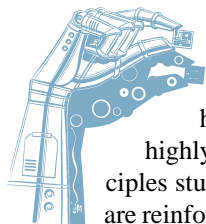
The Program



Committed to excellence in the areas of analog and digital electronics, the Electronics Engineering Technology (EET) program strives to provide students with the technical knowledge and skills to compete in the world of electronics. Graduates of the EET program are prepared to enter the industry as electronics technicians or continue their education toward a bachelor's degree at a four-year university.

Labs equipped with modern sophisticated electronic equipment provide students opportunities to explore computers and microprocessors, instrumentation, communications, and consumer and industrial electronics.

Hands-on Skills



Skilled faculty provide students with hands-on training which is critical in this highly competitive job market. All of the principles studied in course texts and during lectures are reinforced during the laboratory phase of the course. In the process of earning an Associate in Applied Science degree, a student will accumulate nearly 1,000 hours of valuable laboratory experience.

Electronics Engineering Technology Career Program Associate in Applied Science Degree

Semester Hours

General Education Requirements

(Must include the following)	16
ENG 101 Rhetoric	3
MATH 135 Plane Trigonometry	3
MATH 141 Pre-Calculus Mathematics	4
Social Science Elective	3
Elective	3

Requirements for concentration EET (24 credit hours)

EET 102 Electronic Soldering Circuit Board Rework and Repair	2
EET 103 Project Construction	2
EET 113 DC Circuit Analysis	4
EET 114 Digital Electronics	4
EET 123 AC Circuit Analysis	4
EET 125 Solid State Circuitry	4
EET 215 Advanced Solid State Circuitry	4

Elective Requirements 15

EET Electives (Minimum 9 credit hours)

EET 104 Soldering/Desoldering Surface Mount Devices	2
EET 211 Wireless Communications	4
EET 213 Power Supplies	4
EET 214 Microcomputer Electronics	4
EET 217 Industrial Electronics	4

Recommended Non-EET Electives

(Minimum 6 credit hours)

CAD 101 Computer Aided Drafting I	3
CIS 124 Beginning Microcomputer Appl.	3
EEAS Any Electrical/Automated System Course	
IMT 121 Industrial Fluid Power	3
Electives	9
<i>Total Required Hours</i>	<i>64</i>

EET courses are traditionally offered during the following semesters:

Fall	EET 102, 103, 113, 215 and one of the following: EET 211, 213, 214 or 217
Spring	EET 102, 104, 114, 123, 125 and one or more of the following: EET 211, 213, 214 or 217
Summer	One or more of the following: EET electives