

2007-08 Catalog: Programs of Study

Industrial Management Technology (Electronics Engineering Technology) (2120)

Associate in Science

The Industrial Management Technology (Electronics Engineering Technology) degree program offers instruction in practical electronics engineering and is designed to provide instruction, hands-on training, and a strong management background for individuals who seek positions in electronics engineering or who need to upgrade their professional status in a current field. The degree will also meet the military's occupation specialty (MOS) and rate related professional areas in electronics, communications, machining, and aviation electronics. According to the Department of Labor Bureau of Labor Statistics, industries with the highest levels of employment in this occupation are electronic instrument manufacturing, commercial equipment merchant wholesalers, semiconductor and electronic component manufacturing, architectural and engineering services, and aerospace product and parts manufacturing. The yearly wage for electronic engineer employees in these five industries is between \$45,670 and \$54,620 (**Bureau of Labor and Statistics**).

Credit can be obtained through completion of the required degree courses and/or evaluation of military/corporate American Council on Education (ACE) academic registry transcripts. Applicable credits will be awarded after an evaluation of the appropriate ACE transcript for military/corporate training following the recommendations of the American Council on Education Guide (ACE Guide).

A technical certificate, **Electronics Engineering Management Technician**, is available as an option within this degree program.

Cost

Estimated cost of tuition is \$3,984 (tuition rated for Florida residents, as of 7/07). Contact the program manager for additional costs (textbooks, materials, fees).

Need More Information? Contact:

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Curriculum

Course Number and Title	Credits
General Education	
ENC 1101 English Composition I	3
*Mathematics	3
*Natural Science	3
*Humanities	3
*Social and Behavioral Sciences	3
Credit Hours	15
Required Professional Courses	
CGS 1100 Microcomputer Applications for Business and Applications	3
MAN 2021 Principles of Management	3
or ETI 2781 Industrial Supervision	
MAN 2125 Supervision and Performance Improvement	3
MAN 2300 Human Resources Management	3
ENC 2210 Technical Writing	3
Credit Hours	15

Electronics Engineering Track

EET 1084	Survey of Electronics	3
CET 1114	Digital Fundamentals	3
CET 2123	Microprocessor Fundamentals	3
COP 1000	Introduction to Programming and Algorithm Design	
EET 1144	Solid State Devices	3
EET 1140	Industrial Electronics	3
	Credit Hours	18

Electives (minimum 12 credits)

CDA 2500	Computer Networks and Telecommunications	3
EET 2324	Communications Electronics	3
MAC 1114	College Trigonometry	3
EET 1037	DC/AC Network Analysis	3
EET 2147	Solid-State Circuit Analysis	3
MAC 1140	Precalculus Algebra	3
PHY 2053C	General Physics I	4
PHY 2054	General Physics II	4
	Credit Hours	12

Total Credit Hours **60**

*Refer to A.S. degree **General Education Requirements**.

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