

Electronic Technology/Microcomputer Support – Associate in Applied Science



Engineering/Manufacturing & Industrial Technology

Electronic technologists are employed in such fields as digital computer maintenance, voice and data communications, radio and television broadcasting, medical electronic instrumentation, high-tech manufacturing, research and development in laboratory settings.

Students may also work to achieve A+ certification for employment as personal computer service professionals. A+ certification is the "journeyman's card" for computer technologist, which is recognized by Comp TIA. The non-profit Computing Technology Industry Association (Comp TIA) is widely recognized as the standard for qualified computer service professionals.

Minimum credits:	.....70
Minimum cumulative GPA:	.....2.0
Minimum JCC credits:	.....12
MACRAO agreement:	.....No

GENERAL EDUCATION REQUIREMENTS – (19 credits)

ENGLISH – (3 credits)

ENG 131 Writing Experience3
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MATHEMATICS – (5 credits)

MTH 140 Pre-calculus5
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SCIENCE – (4 credits)

PHY 231 College Physics I4
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SOCIAL SCIENCE – (3 credits)

Choose one of the following:

PLS 141 American National Government3
ECN 231 Macroeconomics	.....3

HUMANITIES – (3 credits)

Choose one of the following:

PHL 231 Introduction to Philosophy	.....3
PHL 232 Logic	.....3

HEALTH/PHYSICAL FITNESS – (1 credit)

Choose one of the following:

HPF 160 Wellness	.....1
HPF 168 Weight Training & Conditioning	.....2
HPF 221 Jazz Techniques	.....3
HPF 277 Stress Management	.....2
HPF 278 Stress Management for Parents	.....2

RELATED REQUIREMENTS – (11 credits)

MICROCOMPUTER SUPPORT GROUP

ITE 182 Programming in C++3
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AND

Choose 8 credits from the following: any CAD, ELT, ITE, course that best meet your educational goals.

MICROCOMPUTER CORE REQUIREMENTS – (40 credits)

ELT 119 DC Fundamentals	.....3
ELT 124 AC Fundamentals	.....2
ELT 129 Semiconductor Devices	.....2
ELT 139 Digital Electronic Fundamentals	.....3
ELT 280 Digital Systems	.....4
ITE 047 Operating Systems: UNIX	.....1
ITE 083 Windows Workshop	.....1
ITE 067 MS DOS Workshop	.....1
ITE 101 Information Technology Education	.....3
ITE 134 Visual Basic 2 for Windows	.....3
ITE 233 A+ Hardware Component	.....3
ITE 235 A+ O/S Component	.....3
ITE 237 A+ Certification Exam Preparation	.....1
ITE 239 Network+ Networking Fundamentals Component	.....3
ITE 241 N+ Protocols	.....3
ITE 243 N+ Test Prep	.....1
BUS 155 Human Relations in Business	.....3

And electives to meet 70 credit degree requirement.