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Electronic Technology/Microcomputer Certificate



Engineering/Manufacturing & Industrial Technology

Minimum credits:	36
Minimum cumulative GPA:	2.0
Minimum grade in all courses:	2.0
Minimum JCC credits:	12
MACRAO agreement:	No

GENERAL EDUCATION REQUIREMENTS – (6 credits)

ENG 131 Writing Experience	3
MTH 131 Intermediate Algebra or higher	4

RELATED REQUIREMENTS – (3 credits)

CIS 160 Programming in Visual Basic.NET.....	3
ELT 250 Electric Motors and Controls	4
ELT 260 Basic Programmable Controllers	4
ELT 280 Digital Systems	4

MICROCOMPUTER CORE REQUIREMENTS—

(26 credits)

CIS 012 Windows® Workshop	1
CIS 013 Operating Systems: UNIX.....	1
CIS 016 Microsoft® DOS® Workshop.....	1
CIS 101 Introduction to Computer Systems	3
CIS 174 PC Repair/A+ Hardware Component.....	3
CIS 175 PC Repair/A+ Software Component	3
CIS 176 A+ Certification Exam Preparation.....	1
CIS 177 Network+ Networking Fundamentals Component.	3
ELT 119 DC Fundamentals	3
ELT 124 AC Fundamentals	2
ELT 129 Semiconductor Devices	2
ELT 139 Digital Electronic Fundamentals	3