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Electronic Technology/ELT Certificate



**Engineering/Manufacturing &
Industrial Technology**

ELECTRONIC TECHNOLOGY/ELT – CERTIFICATE (ELTE.CERT)

Minimum credits:	34
Minimum cumulative GPA:	2.0
Minimum grade in all courses:	2.0
Minimum JCC credits:	12
MACRAO agreement:	No

GENERAL EDUCATION REQUIREMENTS – (6 credits)

Take the following:

- ENG 131 Writing Experience
- MTH 131 Intermediate Algebra or higher

RELATED REQUIREMENTS – (3 credits)

Choose one from the following:

- CIS 160 Programming in Visual Basic.NET
- ELT 250 Electric Motors & Controls
- ELT 260 Basic Programmable Controllers
- ELT 280 Digital Systems

ELECTRONIC TECHNICIAN CORE REQUIREMENTS – (25 credits)

Take the following:

- CIS 101 Introduction to Computer Systems
- CIS 174 PC Repair/A+ Hardware Component
- CIS 175 PC Repair/A+ Software Component
- CIS 176 A+ Certification Exam Preparation
- ELT 120 Circuit Analysis I
- ELT 125 Circuit Analysis II
- ELT 130 Electronics I
- ELT 140 Introduction to Digital Electronics