

**SEMESTER 1**

ETY 155: DC Electricity
LIN 155: Electronics Lab Techniques and Safety
LNK 155: Linux and Operating System Fundamentals
PRG 155: Introduction to Programming Using 'C'
MTH 155: Algebra for Electronics
EAC 150: Reading/Writing English

SEMESTER 2

ECR 255: AC Circuits
ELD 255: Semiconductor Devices
MIR 355: Microcomputer Repair
PRG 255: Advanced/Applied 'C' and Intro to C++
MTH 255: Trigonometry & Complex Numbers for Electronics
IPS 255: Interpersonal Skills

SEMESTER 3

MCO 455: Microcontroller Concepts
COM 455: Communications Fundamentals
DGS 255: Digital Logic with PLD's and VHDL
NET 455: Networking Essentials
PRG 355: Object-Oriented Programming Using C++

SEMESTER 4

TEC 400: Technical and Personal Communications
ECP 455: Electronics Engineering Codes and Practices
DGS 355: Advanced Digital Circuits
NSP 655: Network Servers and Peripherals
PRG 455: Event-Driven Programming and Visual Basic
MTH 356: Fundamentals of Calculus and Statistics

SEMESTER 5

ETD 555: Engineering Technology and Design
WCM 555: Wireless Communication and Microcontrollers
ECT Professional Option
NET 556: Cisco Internetworking I
ECT Professional Option
ECT Professional Option

SEMESTER 6

TPJ 655: Technical Project
ECT Professional Option
ECT Professional Option
OLS 655: Online Systems and Database Design/Management
AMT 453: Advanced Calculus