

Year 1/Level 1 (23 hrs) Sept/Jan/May	Year 1/Level 2 (23 hrs) Sept/Jan/May	Year 2/Level 3 (23 hrs) Sept/Jan/May	Year 2/Level 4 (21 hrs) Sept/Jan/May
ETY155 (3/2) Electricity	ECR255 (2/2) AC Circuit Principles Prerequisite ETY155, LIN155 Corequisite MTH255	MCO455 (2/2) Microcontroller Concepts Prerequisite PRG255 Corequisite DGS266	TEC400 (3/0) Technical Communications Prerequisite COM101/COM111 Corequisite TPJ452
COM101 (3/0) or COM111 (6/0) Communicating Across Contexts	ELD255 (2/2) Semiconductor Devices Prerequisite ETY155, LIN155	COM455 (2/2) Communications Fundamentals Prerequisite MTH255, ELD255, ECR255	TPJ452 (2/2) Electronics Technician Senior Project Prerequisite DGS266, MCO455 Corequisite TEC400
LIN155 (1/2) Electronic Lab Instrumentation and Techniques	MIR355 (2/2) Microcomputer Repair Prerequisite ICO155	DGS266 (2/2) Digital Electronics and Introduction to PLC Prerequisite ETY155 Corequisite MCO455	ECP455 (2/1) Engineering Codes and Practices Prerequisite DGS266
PRG155 (2/2) Programming Fundamentals Using ‘C’	PRG255 (2/2) Advanced Programming Using ‘C’ Prerequisite ICO155, PRG155	MEC355 (2/2) Mechatronics: Pneumatics and Hydraulic Prerequisite ECR255, ELD255 OR NET455 (2/2) Networking Essentials Prerequisite MIR355	Professional Option*
MTH147 (6/0) Mathematics with Foundations	MTH255 (4/0) Mathematics Prerequisite MTH147 Corequisite ECR255	Professional Option*	Professional Option*
ICO155 (2/0) Introduction to Computers	IPS255 (3/0) Interpersonal Skills in the Engineering Workplace Prerequisite LIN155	General Education Elective (3/0)	General Education Elective (3/0)