

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 (22 hrs) Sept/Jan/May	Year 3/Level 5 (24 hrs) Sept/Jan/May	Year 3/Level 6 (23 hrs) Sept/Jan/May
ETY155 (3/2) Electricity	HSI255 (2/2) Hardware and Software Interfacing Prerequisite ETY155 Corequisite PRG255	MCO455 (2/2) Microcontroller Concepts Prerequisite PRG255 Corequisite DSG266	TEC400 (3/0) Technical Communications Prerequisite COM101 or COM111	ETD555 (2/2) Engineering Technology and Design Prerequisite ECP455	TPJ655 (2/2) Technical Project Prerequisite MCO455, TEC400, ETD555
LIN155 (1/2) Electronic Lab Instrumentation and Techniques	LNX255 (2/2) Introduction to Linux Prerequisite ICO155	APL355 (2/2) Intermediate Computing Concepts Prerequisite APL255	ECP455 (2/1) Engineering Codes and Practices Prerequisite DGS266	WCM555 (2/2) Wireless Communication and Microcontrollers Prerequisite MCO455, PRG455	MCO556 (2/2) ARM Microcontroller for Real-Time Embedded Applications Prerequisite MCO455, ETD555
COM101 (3/0) or COM111 (6/0) Communicating Across Contexts	APL255 (2/2) Introduction to Microcomputing Concepts Prerequisite ICO155	DGS266 (2/2) Digital Electronics and Introduction to PLC Prerequisite ETY155 Corequisite MCO455	NSP655 (1/3) Network Servers and Peripherals Prerequisite NET455	SEC555 (2/2) Cyber Security Prerequisite NSP655	PRG650 (2/2) Advanced Programming Concepts Prerequisite PRG550
PRG155 (2/2) Introduction to Programming Using 'C'	PRG255 (2/2) Advanced Programming Using "C" Prerequisite PRG155 Corequisite HSI255	NET455 (2/2) Networking Essentials Prerequisite APL255	PRG455 (2/2) Event-Driven Programming Prerequisite PRG355	NET556 (1/3) Cisco Internetworking I Prerequisite NSP655	AMT453 (4/0) Advanced Mathematics Prerequisite MTH356
MTH147 (6/0) Mathematics with Foundations	MTH255 (4/0) Mathematics Prerequisite MTH147	PRG355 (2/2) Object-Oriented Programming Using C++ Prerequisite PRG255	MTH356 (4/0) Mathematics – Introductory Calculus and Statics Prerequisite MTH255	PRG550 (2/2) Programming Python with the Raspberry Pi Prerequisite PRG455	Professional Option*
ICO155 (2/0) Introduction to Computers	IPS255 (3/0) Interpersonal Skills Prerequisite LIN155	General Education Elective (3/0)	Professional Option 1*	Professional Option 2*	General Education Elective (3/0)