Module Code	Module Name	Prerequisite /Corequisite (if any)	CREDIT VALUE	Results
YEAR 4 – Semester 2 (16 or 17 Credits)				
PRJ4030	Major Project 2: Design & Build	PRJ4029	3	
ECE4002	Electrical Facilities & Safety		3	
ECE4003	Digital Signal Processing		3	
Engineering Electives *(Choose Any Two):*				
EEP4002	Power Systems Protection	ECE4001	4	
MEE3010	Project Management		3	
EEE4004	Digital Communications	ELE3001	4	
ENG4009	Computer Based Control Systems		4	
EEC4005	Real-Time Systems		4	
EEI4002	Mechatronic Systems	EEI4001	4	
EEI4003	Modern Control Systems		4	
ENG4015	Power Electronics		4	
ENG4005	Computer Networks		4	
ENG4001	Alternate & Renewable Energy & Power Systems		4	
ENG4007	Telephony Systems And Networks		4	

F. Y. I.:
Updated July 2020

Total Number of Credits = 135 to 137

Please speak to your Programme Director/Academic Advisor about Electives and confirm whether there are module changes. Remember your Academic Advisor is here to assist you in making your academic decisions!

University of Technology, Jamaica
Module Selection Guide

School of Engineering

B.Eng. in Electrical & Computer Engineering

Class of 2024

Student's Name: ………………………………………………..

Student's ID #: ………………………………………………….

➢ Start Date: August 2020

Academic Advisor's Name: ………………………………………

Contact Info: **Dr. Milton Richardson** (Programme Director) – (876) **970-5230**
Ms. Anieta Dunkley (Programme Secretary) – (876) **970-5236**

Module Code	Module Name	Prerequisite /Corequisite (if any)	CREDIT VALUE	Results
YEAR 1 – Semester 1 (17 Credits)				
COM1020	Academic Writing 1		3	
MAT2018	B. Engineering Mathematics 1		3	
ECE1001	Fundamentals of Electrical & Computer Engineering		3	
ECE1002	Engineering Computing		3	
PHS1005	Engineering Physics 1		4	
LIB1001	Library Fundamentals		1	
YEAR 1 – Semester 2 (17 Credits)				
CHY2021	General Chemistry 1		3	
CHY2022	General Chemistry Laboratory 1		1	
ECE1003	Programming for Engineering	ECE1001 ECE1002	3	
ENG1009	Engineering Tools		3	
MAT2022	B. Engineering Mathematics 2	MAT2018	3	
CSP1001	Community Service Project (CSP)		1	
ELE2001	Electrical Networks 1	PHS1005	3	
YEAR 2 – Semester 1 (18 Credits)				
ECE2001	Electrical Networks 2	ELE2001	3	
ECE2002	Electronic Devices & Circuits 1	PHS1005	4	
ECE2003	Digital Electronics	PHS1005	3	
COM2014	Academic Writing 2		3	
MAT3004	B. Engineering Mathematics 3	MAT2022	3	
ECE2004	Electrical Lab Course 1		2	
YEAR 2 – Semester 2 (18 Credits)				
ECE2005	Data Communication Networks	ECE1003	3	
ECE2006	Microprocessors & Microcontrollers	ECE1003	3	
STA2023	Engineering Statistics		3	
ELE3004	Signals & Systems		3	
ELE2016	Electronic Devices & Circuits 2	ECE2002	3	
ENT3001	Entrepreneurship		3	
YEAR 3 – Semester 1 (16 Credits)				
ENG1006	Engineering Seminar		1	
ECE3001	Engineering Analysis	MAT3004	3	
ECE3002	Instrumentation Systems	ELE2016 MAT2022	3	
ECE3003	Digital Systems Design	ECE2003	3	
ELE3001	Electromagnetics 1		3	
ENG3011	Engineering Economics		3	
YEAR 3 – Semester 2 (17 Credits)				
	University Elective		3	
ENG4010	Industrial Work Experience		2	
ECE3004	Control Systems	ECE3002	3	
ECE3005	Communications Theory	ELE3004	3	
ECE3006	Electric Drives & Machines 1	ELE3002	3	
CMP3026	Software Engineering		3	
YEAR 4 – Semester 1 (16 or 17 Credits)				
ENG4016	Management for Engineers		3	
PRJ4029	Major Project 1: Research Methods		3	
ECE4001	Electrical Power System	ELE3002	3	
Engineering Electives *(Choose Any Two)*:				
ELE4001	Electric Drives & Machines 2	ECE3006	4	
EEE4003	Transmission Lines & Antennas	ELE3004 ELE3001	4	
EEE4002	Microwave Communications	ECE3005	4	
ENG4001	Alternate & Renewable Energy & Power Systems		4	
ENG4005	Computer Networks		4	
EEC3001	Operating Systems for Engineers	ECE1003	4	
ENG4007	Telephony Systems & Networks		4	
EEI4001	Industrial Electronics	ELE2016	4	
ENG4009	Computer Based Control Systems		4	
EEC4002	Network Security	ECE2005	4	
ENG4015	Power Electronics		4	
ENG4020	Maintenance Engineering & Management		3	