

Module Code	Module Name	Prerequisite /Co - requisite (if any)	CREDITS	Results
Semester 1 (Year 4)				
ENG4010	Industrial Work Experience	NONE	2	
ENG4016	Management for Engineers	NONE	3	
PRJ4029	Major Project 1: Research Methods	NONE	3	
INE4001	Introduction to Simulation	NONE	3	
ENG3017	Management of Technology	NONE		
INEXXXX	Specialization Elective 1	NONE	3	
Semester 2 (Year 4)				
	University Electives		3	
MEE/ENG	Technical Electives		3	
INExxx	Specialization Elective 2		3	
PRJ4030	Major Project 2: Design & Build		3	
INE4010	Organizational Behaviour &	NONE	3	

Information on Prerequisites

Special arrangements will be made for articulated students.

Note on Electives

Students should seek academic advisement before selecting elective modules.

Remember, your academic Advisor is here to assist you in making your academic decisions!

Note on Advisement: Each student is assigned an academic advisor and should seek advice before selecting modules.
(See Student's Portal for the name of your Academic Advisor)

Other information

Contact Information:

Programme Director: Mr. Hugh Cargill - 970-5237/ Ext. 2237 or hugh.cargill@utech.edu.jm
 Programme Administrative Assistant: Mrs. Marie Waite - 970-5271/Ext. 2271 or marie.waite@utech.edu.jm
 Head of School: Mr. Oneil Josephs – 970

5220/Ext. 2220 or ojosephs@utech.edu.jm

Website: www.utechjamaica.edu.jm

Note
NOTE:



**University of Technology, Jamaica
Module Selection Guide
Faculty of Engineering and Computing
School of Engineering**



Course of Study/ Programme:

Bachelor of Engineering in Industrial Engineering

**Specializations:
Manufacturing or Engineering Management**

Student's Name:

Student's I.D. #:

Start Date: **August 2024**

Name - Academic Advisor/PL/PD:

Module Code	Module Name	Prerequisite /Co-requisite (if any)	CREDITS	Results
Semester 1 (Year 1)				
COM1020	Academic Writing 1	COM0001 (P)	3	
MAT2018	B. Eng Mathematics 1- Calculus	A-Level/CAPE/PCS Maths (P)	3	
ENG1008	Introduction to Engineering	NONE	3	
ECE1002	Engineering Computing	CSEC/CXC Maths	4	
PHS1005	Engineering Physics 1	A-Level /CAPE/PCS Physics (P)	4	
LIB1001	Library Fundamentals	NONE	1	
CSP1001	Community Service Project	NONE	1	
Semester 2 (Year 1)				
CHY2021	General Chemistry 1	CXC/PCS Chemistry	3	
CHY2022	General Chemistry II	CXC/CSEC/PCS Chemistry	1	
ENG1001	Engineering Graphics	NONE	3	
ENG2008	Engineering Statics	NONE	3	
MAT2022	B. Eng Mathematics 2	MAT2018 (P)	3	
ENG1005	Engineering Workshop	NONE	2	
Semester 1 (Year 2)				
COM2014	Academic Writing 2	COM1020 (T)	3	
ELE2210	Electrical Technology	NONE	3	
ENG2006	Engineering Drawing & Design	ENG1001 (P)	3	
ENG1006	Engineering Seminar	NONE	1	
ENT3001	Entrepreneurship	NONE	3	
MAT3004	B. Eng Mathematics 3 Differential Equation	MAT2022 (P)	3	

Module Code	Module Name	Prerequisite /Co-requisite (if any)	CREDITS	Results
Semester 2 (Year 2)				
MEE2003	Material Science	NONE	3	
MAT1043	Linear Algebra	NONE	3	
INE2002	Manufacturing Systems	NONE	3	
MEE3038	Controls Systems	NONE	3	
STA2023	Engineering Statistics	NONE	3	
POM3010	Operations Management	NONE	3	
Semester1 (Year 3)				
RES3020	Operations Research 1	NONE	3	
INE3010	Supply Chain & Logistics Engineering	NONE	3	
INE3011	Business Process Engineering & Analytics	STA2023 (P)	3	
CMP3004	Computer Aided Design and Manufacturing	NONE	3	
INE3012	Quality Control & Management	NONE	3	
ENG3011	Engineering Economics	NONE	3	
Semester 2 (Year 3)				
INE3004	Facility Planning and Control	NONE	3	
INE4003	Ergonomics & Human Factors	NONE	3	
INE3005	Work Measurement and Design	STA2023 (T)	3	
MEE3010	Project Management	NONE	3	
MEE3008	Manufacturing Processes	None	4	

