

Module Code	Module Name	Prerequisite /Co - requisite (if any)	CREDITS	Results
Semester 1 (Year 4)				
ENG4010	Industrial Work Experience		2	
ENG4016	Management for Engineers		3	
PRJ4029	Major Project 1: Research Methods	PRJ4024 (T)	3	
INE4001	Introduction to Simulation		3	
ENG3017	Management of Technology			
INEXXXX	Specialization Elective 1		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 & Leadership	NONE	3	

Note

NOTE:

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:

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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 2023**

Name - Academic Advisor/PL/PD:

Module Code	Module Name	Prerequisite /Co-requisite (if any)	CREDITS	Results
Semester 1(Year 1)				
COM1024	Academic Literacy for Undergraduates		3	
MAT2018	B. Eng Mathematics 1		3	
ENG1008	Introduction to Engineering		3	
ECE1002	Engineering Computing		3	
PHS1005	Engineering Physics 1		4	
LIB1001	Library Fundamentals		1	
CSP1001	Community Service Project		1	
Semester 2 (Year 1)				
ELE2210	Electrical Technology		3	
CHY2021	General Chemistry 1		3	
CHY2022	General Chemistry Lab 1		1	
ENG1001	Engineering Graphics		3	
ENG2008	Engineering Statics		3	
MAT2022	B. Eng Mathematics 2	MAT2018 (P)	3	
ENG1005	Engineering Workshop		2	
Semester 1 (Year 2)				
COM2016	Critical Thinking, Reading and Writing		3	
INE2001	Programming for Industrial Engineers		3	
ENG2006	Engineering Drawing & Design	ENG1001	3	
ENG1006	Engineering Seminar		1	
ENT3001	Entrepreneurship		3	
MAT3004	B. Eng Mathematics 3	MAT2022 (P)	3	

Module Code	Module Name	Prerequisite /Co-requisite (if any)	CREDITS	Results
Semester 2 (Year 2)				
MEE2003	Material Science		3	
MAT1043	Linear Algebra		3	
INE2002	Manufacturing Systems		3	
MEE3038	Controls Systems		3	
STA2023	Engineering Statistics		3	
POM3010	Operations Management		3	
Semester 1 (Year 3)				
RES3020	Operations Research 1	STA2023 (T)	3	
INE3010	Supply Chain & Logistics Engineering		3	
INE3011	Business Process Engineering & Analytics		3	
INE3012	Quality Control and Management	STA2023 (P)	3	
CMP3004	Computer Aided Design and Manufacturing		3	
ENG3011	Engineering Economics		3	
Semester 2 (Year 3)				
INE3004	Facility Planning and Control		3	
INE4003	Ergonomics & Human Factors Engineering		3	
INE3005	Work Measurement and Design	STA2023 (T)	3	
MEE3010	Project Management		3	
MEE3008	Manufacturing Processes		4	
RES3021	Operations Research 2			

Module Code	Module Name	Prerequisite /Corequisite (if any)	Credits	Completed
	Specialize Electives (Manufacturing)			
MEE3005	Industrial Systems & Material Handling		3	
MEE4003	Advanced Manufacturing Processes		3	
MEE3007	Design for Manufacturing		3	
ENG4018	Human Factors Engineering		3	
INE4004	Introduction to Robotics		3	
	Specialize Electives (Engineering Management)			
ENG4020	Maintenance Engineering & Management		3	
POM3008	Advanced Operations Management (Ops. Management 2)		3	
INE4013	Management of Information Systems for Industrial Engineers		3	
ENG4022	Quality Engineering		3	
	Technical Electives:			
INE4012	Energy Management		3	
INE4014	Introduction to Safety and Reliability Engineering		3	
INE4017	Information Systems		3	
INE4015	Design of Industrial Experiments		3	
INE4016	Financial Engineering		3	
INE3013	Introduction to Software Engineering		3	