

Module Code	Module Name	Prerequisite /Co - requisite (if any)	CREDITS	Results
Semester 7				
ENG4010	Industrial Work Experience	NONE	2	
ENG4016	Management for Engineers	NONE	3	
PRJ4029	Major Project 1: Research Methods	NONE	3	
RES3023	Operations Research	NONE	3	
ENG3017	Management of Technology	NONE		
INEXXXX	Specialization Elective 1	NONE	3	
Semester 8				
	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 2015**

Name - Academic Advisor/PL/PD:

Module Code	Module Name	Prerequisite /Co-requisite (if any)	CREDITS	Results
Semester 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	2	
CMP1003	Computers in Engineering	CSEC/CXC Maths	4	
PHS1005	Engineering Physics 1	A-Level /CAPE/PCS Physics (P)	4	
LIB1001	Library Fundamentals	NONE	1	
Semester 2				
CSP1001	Community Service Project	NONE	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 3				
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 4				
MEE2003	Material Science	NONE	3	
MEE2001	Mechanical Workshop With Metrology	NONE	4	
MEE2018	Engineering Mechanics Lab 1	NONE	2	
MEE3038	Controls Systems	NONE	3	
STA2023	Engineering Statistics	NONE	3	
POM3010	Operations Management	NONE	3	
Semester 5				
MEE2004	Mechanics of Solids	ENG2008 (New)	3	
MEE3008	Manufacturing Processes	NONE	3	
INE3007	Quality Control & Reliability	STA2023 (P)	3	
MEE3040	Lean Manufacturing Systems	NONE	3	
CMP3004	Computer Aided Design and Manufacturing	NONE	3	
ENG3011	Engineering Economics	NONE	3	
Semester 6				
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	
MEE3001	Design of Mechanical Elements	MEE2004 (New)	4	

Module Code	Module Name	Prerequisite /Corequisite (if any)	Credits	Completed
	Specialize Electives (Manufacturing)			
MEE3005	Industrial Systems & Material Holding		3	
MEE4003	Advanced Manufacturing Processes	NONE	3	
MEE3007	Design for Manufacturing	NONE	3	
ENG4018	Human Factors Engineering	NONE	3	
INE4004	Introduction to Robotics	NONE	3	
	Specialize Electives (Engineering Management)			
ENG4020	Maintenance Engineering & Management	NONE	3	
MAT4010	Decision Analysis	NONE	3	
CIT3016	Management Information Systems	NONE	3	
ENG4022	Quality Engineering	NONE	3	
	Technical Electives:			
INE4007	Scheduling and Networking	NONE	3	
MEE4026	Industrial Safety and Reliability Engineering	NONE	3	
INE4005	Bio-Mechanics	NONE	3	
INE4001	Introduction to Simulation	NONE	3	
PSY3002	Industrial Psychology	NONE	3	