

Module Code	Module	Pre-requisite (P) Co-requisite (C) Exemption (E) Transfer Credits (T) Other Comments	Credits	Results	Modality
Year 4 – Semester 1					
EDU1020	Professionalism for Educators		1		F2F
IND4006	Cost Estimating		3		O
SCT4001	Science and Technology Seminars		2		O
EDU4011	Special Methods & Practice		3		F2F
ITM4005	Manufacturing Processes & Management	F2F Project	3		O
ITM3009	Advanced Mechanical Technology	F2F Project	3		O
IND4007	Introduction to Renewable Energy	F2F Project	3		O
EDU4030	Integrative Study for Educators 1		1		F2F
Total Credits			19		
Year 4 – Semester 2					
EDU3004	Teaching Practice 2 (12 wks)		6		F2F
EDU4031	Integrative Study for Educators 2		2		F2F
Total Credits			8		
TOTAL CREDITS FOR GRADUATION			145		

For Developmental English, exemption is granted if applicant has a Grade 1 in CSEC English A, Grade 1 or 2 in CAPE Communication studies, Diploma/Associate Degree from a recognized tertiary institution or has completed an English module at the tertiary level. Students may select Academic Literacy for Undergraduates (COM1024) if they satisfy any of the above requirements.

PS. Students **MUST** pass all specialized modules, Academic Literacy for Undergraduates, Essentials of Professional Speaking and Reading in the Content Area before selecting Teaching Practice 2.



**University of Technology, Jamaica
School of Technical & Vocational
Education
Module Selection Guide**



**B.Ed/TVET – Industrial Technology Specialization
Programme Code: UBTINTEFXU1
Mechanical (Major) with Electrical (Minor) Option
Option Code: UITMTSFX**

Student's Name:

Student's ID #:

Start Date:..... Expected End Date:.....

Contact #:Email:.....

A/Advisor's Name:

A/Advisor's Email Address:

Modality Key:

Blended (B)

Face-to-Face (F2F)

Online (O)

*Modules offered across Semesters
Updated July 2023

Module Code	Module	Pre-requisite (P) Co-requisite (C) Exemption (E) Transfer Credits (T) Other Comments	Credits	Results	Modality
Year 1 – Semester 1					
COM0001*	Developmental English		0		B
MAT1047*	College Mathematics 1B		4		F2F/ O
IND1001	Graphic Communication 1		2		F2F
EDU1005	Foundations of Education		3		O
OHS2002	Occupational and Environmental Health and Safety		3		F2F
EDU1019	Becoming a Teacher		2		O
CSP1001*	Community Service Project		1		F2F/ O
Total Credits			15		
Year 1 – Semester 2					
COM1024*	Academic Literacy for Undergraduates		3		F2F/ O
PSY1003	Adolescent Psychology for Teachers		3		O
PHS1016*	Basic Physics		3		F2F/ O
INT1008	ICT for Educators 1		3		B
EDU2004	Classroom & Behaviour Management		3		F2F
IND1003	Material Science 1		3		O
ENT3001*	Entrepreneurship		3		F2F/ O
Total Credits			21		
Year 2 – Semester 1					
ITM2007	Mechanical Technology A	F2F Project	3		B
EDU1004	Learning Theories & Practice		3		O
IND1002	Graphic Communication 2		3		O
EDU3005	Assessment in Education		3		O
ITM1002	Material Fabrication	F2F Project	3		B
ITE2007	Electrical Minor: Electrical Principles	F2F Project	3		B
ITE1002	Electrical Minor: Electrical Installation 1	F2F Project	3		B
Total Credits			21		

Module Code	Module	Pre-requisite (P) Co-requisite (C) Exemption (E) Transfer Credits (T) Other Comments	Credits	Results	Modality
Year 2 – Semester 2					
ITM2009	Mechanical Technology B	F2F Project	3		B
ITM2005	Applied Mechanics	F2F Project	3		B
MAT1053	Mathematics for Technology B		4		F2F/ O
EDU4002	Curriculum Planning and Development in TVET		3		O
ITE2003	Electrical Minor: Electrical Installation 2	F2F Project	3		B
EDU2013	ICT for educators 2		3		F2F
Total Credits			19		
Year 3 – Semester 1					
ITM3003	Engineering Drafting & Design		3		O
EDU3009	Instructional Methods & Practice		4		F2F
EDU4024	Work Experience		3		F2F
TBD*	Essentials of Professional Speaking		3		F2F/ O
ITM4001	Material Science 2	F2F Project	3		B
	Elective*		3		B
ITE3007	Electrical Minor: Electrical Blueprint Reading & Drawing	F2F Project	3		B
Total Credits			22		
Year 3 – Semester 2					
EDU4004	Introduction to Counselling		3		O
ITM2008	Plant Management	F2F Project	3		B
COM3012	Reading in the Content Area		2		O
IND4005	Laboratory Organization and Management		3		O
RES3001*	Research Methodologies		3		F2F/ O
ITE2001	Electrical Minor: Solid State Electronics 1	F2F Project	3		B
ITE3010	Introduction to AC Work and Refrigeration	F2F Project	3		B
Total Credits			20		

