

Module Code	Module Name	Prerequisite /Co -requisite (if any)	CREDITS	Ownership of Module
<b>YEAR 4 SEMESTER 1</b>				
MIQ4001	Equipment Selection		3	FOBE
MIQ4002	Statutory Requirement for Mining and Quarrying		3	FOBE
MIQ4003	Reserves Evaluation (Quantity and Quality)		3	FOBE
MIQ4004	Community Relations, PR and Corp Social Responsibility		2	FOBE
<b>TOTAL NUMBER OF CREDITS</b>			11	
<b>YEAR 4 SEMESTER 2</b>				
MIQ4005	Mines Closure, Land Restoration Rehabilitation		3	FOBE
MIQ4006	Research Project		3	FOBE
MIQ4007	Environmental Impact of Mining and Quarry		3	FOBE
UNE????	University Elective*		3	
<b>TOTAL NUMBER OF CREDITS</b>			12	

### F.Y.I.

- Please speak with your Programme Director/Academic Advisor about whether there are module changes.
- Remember, your Academic Advisor is here to assist you in making your academic decisions.
- Modules highlighted in yellow are core modules and these should be selected first, before selecting other modules.
- Modules with an asterisk (\*) may be offered in more than one semester. Kindly check with the respective Faculty that delivers the module to confirm module availability.
- For further information, contact Miss Pheone Garrick at: [pheone.garrick@utech.edu.jm](mailto:pheone.garrick@utech.edu.jm) or Mr. Wycliffe Frater at : [wycliffe.frater@utech.edu.jm](mailto:wycliffe.frater@utech.edu.jm)



## UNIVERSITY OF TECHNOLOGY, JAMAICA

### Module Selection Guide School of Building and Land Management



## Bachelor of Science in Mines and Quarry Management (B.Sc. MQM)

### A/Y 2023-2024

Student's Name: .....

Student's ID #: .....

Start Date: .....

Academic Advisor/PL/PD: .....

Module Code	Module Name	Prerequisite /Co- requisite (if any)	CREDITS	Ownership of Module
<b>YEAR 1 SEMESTER 1</b>				
MIQ1001	Introduction to Geology		3	FOBE
COT1019	Introduction to Construction Technology*		3	FOBE
COE1010	Introduction to Material Science*		2	FOBE
URP1006	Introduction to Law for the Built Environment*		3	FOBE
COT1012	Materials Laboratory 1		2	FOBE
MAT1044	College Mathematics 1A*		4	FOSS
CSP1001	Community Service Programme *		1	FELS
<b>TOTAL NUMBER OF CREDITS</b>			<b>18</b>	
<b>YEAR 1 SEMESTER 2</b>				
URP1001	Introduction to Physical Environment Planning*		3	FOBE
SGI1014	Introduction to Land Surveying*		3	FOBE
COE1009	Workshop		1	FOBE
COE1005	Introduction to Computer Aided Design	<b>Drawing</b>	3	FOBE
MAN1001	Principles of Management		3	COBAM
INT1001	Information Technology*		3	FENC
COM1024	Academic Literacy for Undergraduates (Replaced Academic Writing 1* COM1020)	Passing the UTech, Ja English Language Proficiency Test or Qualifying for Exemption from the Test	3	FELS
<b>TOTAL NUMBER OF CREDITS</b>			<b>19</b>	
<b>YEAR 2 SEMESTER 1</b>				
MIQ2002	Electrics, Electronics and Mechanics		3	FOBE
MIQ2003	Blasting Specifications and Design		3	FOBE
MIQ2004	Industrial Minerals and Economics Geology		3	FOBE
MAN1006	Introduction to Management		3	COBAM
COM2016	Critical Writing Thinking, Reading and Writing* (Replaced Academic Writing II COM2014)	<b>COM1020 (P) or COM1024</b>	3	FELS
SCT2001	Science and Technology *		2	FELS
<b>TOTAL NUMBER OF CREDITS</b>			<b>17</b>	

Module Code	Module Name	Prerequisite /Co- requisite (if any)	CREDITS	Ownership of Module
<b>YEAR 2 SEMESTER 2</b>				
MIQ2005	Project Management and Accounting		3	FOBE
MIQ2006	Blasting Economics		3	FOBE
MIQ2007	Pumps, Motors and Instrumentation		3	FOBE
MIQ2008	Welding and Metal Fabrication		3	FOBE
MIQ2009	Surface Mine and Quarry Design		3	FOBE
COT2011	Materials Laboratory II	<b>COT1012 (P)</b>	2	FOBE
<b>TOTAL NUMBER OF CREDITS</b>			<b>17</b>	
<b>YEAR 3 SEMESTER 1</b>				
	Faculty Elective *		3	FOBE
MIQ3001	Internship		3	FOBE
MIQ3003	Understanding Fluvial Systems		3	FOBE
MIQ3004	Materials Supply Chain and Logistics		3	FOBE
MIQ3005	Occupational Safety and Health		3	FOBE
RES3001	Research Methodologies*		3	FOSS
<b>TOTAL NUMBER OF CREDITS</b>			<b>18</b>	
<b>YEAR 3 SEMESTER 2</b>				
	Faculty Elective*			FOBE
MIQ3006	Mineral Processing and Beneficiation		3	FOBE
MIQ3009	Geodata (GIS, Rs, GPS)		3	FOBE
HUM3003	Understanding Ethics		3	
ENT3001	Entrepreneurship		3	
<b>TOTAL NUMBER OF CREDITS</b>			<b>12</b>	