

| LEVEL | SEMESTER | | | MODULE CODE | MODULE TITLE | CREDITS | PREREQUISITE MODULE CODE(S) (P) | EQUIVALENT MODULE CODE(S) |
|-------|----------|---|---|-------------|-----------------------------------|---------|---|------------------------------|
| | 1 | 2 | 3 | | | | | |
| | | | | | LEVEL 4 General Education | | | |
| | | √ | | UNE | Faculty/School Elective | 3 | | |
| | | | | | LEVEL 4 Core | | | |
| 4 | √ | | | COE4001 | Structures 4 | 3 | COE3010(P) | |
| 4 | √ | | | COE4002 | Site Monitoring | 1 | COE1012 (P) & COE2019 (P) & COE3031 (T) & COE2007 (P) | PRJ3002, COE3033, PRJ3005 |
| 4 | √ | √ | | COE3031 | Construction Methods & Systems | 3 | COE2019 (P) or COE3002 (P) or COE2008 (P) or COT2008 (P) and COT2009 (P) | COE 4003, COE3022 or COT3003 |
| 4 | √ | | | COE4006 | Construction Management | 2 | COE2019 (P) or COE3002 (P) or COE2008 (P) or COT2008 (P) and COT2009 (P) or COT2002 (P) & COT2005 (P) | COE4022 |
| 4 | √ | | | COE4015 | Professional Practice | 2 | | |
| 4 | | √ | | CIE4001 | Civil Engineering 2 | 2 | CIE3001 (T) | |
| 4 | | √ | | COE4005 | Structures 5 (Design & Detailing) | 3 | COE3004 (P) COE3026 (P) | |
| 4 | | √ | | ENE4001 | Environmental Engineering | 2 | COE1002(P) & COE3003(P) | |
| 4 | | √ | | PRJ4017 | Final Project | 3 | RES3001 | PRJ4014 |

Additional Information

The information in this guide is subject to change.

Please contact the Programme Office and your Academic Advisor for information.

Contact us:

CED Office #:

(1- 876) 970-5337

General Email:

helpdesk.ced.sblm@gmail.com

Location:

University of Technology, Jamaica

237 Old Hope Road

Kingston 6

Websites:

UTech: <http://www.utech.edu.jm/>

CED: <https://sites.google.com/site/cedsblm/>

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University of Technology, Jamaica
Construction Engineering Division
 School of Building and Land Management
 Faculty of the Built Environment

Bachelor of Engineering in Construction Engineering

UBECOENFX

Module Selection Guide 2020/21

Class of 2024



Student Name: _____

Student ID#: _____

Start Date: _____

Advisor/PD: _____



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|-------|----------|---|---|-------------|--------------------------------------|---------|--|---|
| | 1 | 2 | 3 | | | | | |
| | | | | | LEVEL 1 General Education | | | |
| | √ | √ | √ | COM0001 | Developmental English | - | | |
| 1 | √ | √ | √ | COM1020 | Academic Writing 1 | 3 | COM0001 (P) | |
| 1 | √ | √ | √ | MAT2018 | B Engineering Mathematics 1 | 3 | A Level/CAPE / PCS Mathematics | MAT1006 |
| 1 | √ | √ | | CSP1001 | Community Service Project | 1 | None | |
| 1 | √ | | | PSY1002 | Introduction to Psychology | 3 | None | |
| 1 | √ | | | PHS1005 | Engineering Physics 1 | 4 | A Level/CAPE / Physic | |
| 1 | √ | | | CMP1003 | Computers in Engineering | 4 | CXC Math's | |
| 1 | | √ | √ | MAT 2022 | B Engineering Mathematics 2 | 3 | MAT2018 (T) | |
| 1 | | √ | | SCT2001 | Science & Technology | 2 | | |
| 1 | | √ | | CHY2021 | General Chemistry 1 | 3 | CXC/PCS Chemistry | |
| 1 | | √ | | CHY2022 | General Chemistry Laboratory | 1 | CXC/PCS Chemistry | CHY1008 |
| | | | | | LEVEL 1 Core | | | |
| 1 | √ | | | COT1012 | Materials Laboratory 1 | 2 | None | COT1020& COT1021 COT1017 |
| 1 | √ | √ | | COE1004 | Construction Drawing | 3 | None | |
| 1 | √ | √ | | COE1010 | Introduction to Material Science | 2 | None | COE1006, COT1016 |
| 1 | √ | √ | | COT1010 | Structural Mechanics | 3 | MAT2018(T) or MAT1032(T) | MEE1001 (CED) COE1003 (CED) ENG2008 (CVE) MEE2002 (CVE) |
| 2 | √ | √ | | COE1012 | Introduction to Construction Methods | 2 | None | COE2001 , COT1013 & COT1014 , COT1008 |

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| | 1 | 2 | 3 | | | | | |
| | | | | | LEVEL 2 General Education | | | |
| 2 | √ | √ | √ | COM2014 | Academic Writing 2 | 3 | COM1020 (P) | |
| 2 | √ | √ | | MAT3004 | B Engineering Mathematics 3 | 3 | MAT2018 (P) MAT2022(T) | |
| 2 | | √ | | ENG2002 | Thermodynamics 1 | 3 | MAT2018 (P)/ PHS1005 (P) | |
| 2 | | √ | | STA2023 | Engineering Statistics | 3 | MAT2018 (P) | STA2002 STA2021 |
| 2 | | √ | | ENG2016 | Engineer in Society | 3 | None | HUM3003 HUM3016 |
| | | | | | LEVEL 2 Core | | | |
| 1 | | √ | | COE1002 | Engineering Geology | 3 | COT1012 (T) | CVE2005 |
| 1 | | √ | | COE1005 | Introduction to Computer Aided Design and Drafting | 3 | COE1004 (P) or CMP1003 (P) | |
| 2 | √ | √ | | COE2007 | Structures 1 | 3 | MEE1001 (P) OR COE1003 (P) OR COT1010 (P) | COE2002 |
| | | √ | | COT2011 | Materials Laboratory 2 | 2 | COT1012 (P) or (COT1020+COT1021) | |
| 2 | √ | | | COE2014 | Site Surveying | 3 | MAT2018 (P) | SGI1014 |
| 2 | | √ | √ | COE2019 | Construction Methods | 3 | COE1012 (T) | COE3002, COE2008, COT2008 & COT2009 |
| | | | | | LEVEL 3 General Education | | | |
| 3 | √ | | | MAN3004 | Management Principle & Economics | 4 | | MAN1006 & ECO1004 |
| 3 | √ | | | RES3001 | Research Methodologies | 3 | | |
| 3 | | √ | | ENT3001 | Entrepreneurship | 3 | | |

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| | | | | | LEVEL 3 Core | | | |
| 3 | √ | | | MEE3003 | Fluid Mechanics | 3 | MAT2018 (T) | |
| | √ | | √ | MEE2017 | Thermal Fluid Science Lab 1 | 2 | MAT2018 (T) | |
| 3 | √ | | | COE3010 | Theory of Structures | 4 | COE2007(P) COE2002 | COE3001 |
| 2 | √ | | | COE2015 | Measurement & Estimating 1 | 2 | COE1012, COE2001, COT1013 & COT1014, COT1008 & COT1009 | |
| 3 | √ | | | COE3003 | Soil Mechanics | 2 | COE1002 (T) or MAT1033 (T) or COT2011 (T) | COE3012 |
| 3 | √ | | | COE3026 | Structures 3A- Design and Detailing | 3 | COE2002(T) or COE2007(T) | |
| 3 | √ | | | COE3034 | Computer Aided Design and Drafting | 3 | COE1005 (P) | CMP2000 , CMP3002 |
| 3 | | √ | | CIE3001 | Civil Engineering 1 | 3 | [COE2019 (P), or COE3002(P)) or COE2008(P)) or COT2008(P) &COT2009(P)] and COE3031 | COE3023, COT3003 &COT3015 |
| 3 | | √ | | COE3004 | Structures 3B- Design and Detailing | 3 | COE3026 (T) | |
| 3 | | √ | | COE3005 | Services Engineering | 2 | COE2019 (P), or COE3002(P)) or COE2008(P)) or COT2008(P) &COT2009(P)) | |