

T312 HONOURS BACHELOR OF TECHNOLOGY (CONSTRUCTION MANAGEMENT)

2019-2020 PATHWAY

Semester 1: Fall 2019 [2019-01]

Course Code	Course Title	Pre-Requisite	Hrs/wk
BLDG 1106	Construction Materials		3
BLDG 1151	Residential Construction Technology		6
BLDG 1153	Introduction to Construction Management		2
BLDG 1156	Construction Materials Testing and Analysis		2
BLDG 1193	Technical Communications		2
MATH 1151	Technical Mathematics 1		3
Liberal Studies Elective	Liberal Studies Elective (Select One)		3
		Total Hours	21

Semester 2: Winter 2020 [2019-02]

Course Code	Course Title	Pre-Requisite	Hrs/wk
BLDG 1107	Construction Surveying		3
BLDG 1152	Introduction to Building Information Modeling		3
BLDG 1162	Building Codes and Regulations 1		2
BLDG 2102	Construction Health and Safety		2
BLDG 2108	Workplace Communications 1		2
BSCI 2101	Foundations in Building Science		4
MATH 1181	Technical Mathematics 2		3
Liberal Studies Elective	Liberal Studies Elective (Select One)		3
		Total Hours	22

Semester 3: Fall 2020 [2020-01]

Course Code	Course Title	Pre-Requisite	Hrs/wk
BLDG 2080	Construction Estimating 1 – Quantity Surveying		4
BLDG 2081	Structural Systems in Building Construction 1		2
BLDG 2109	Building Foundations Construction Technology		2

Course Code	Course Title	Pre-Requisite	Hrs/wk
BLDG 2204	Commercial Construction Technology		4
BSCI 3101	Applications in Building Science	BSCI 2101	4
LAW 1151	Construction Law		2
Liberal Studies Elective	Liberal Studies Elective (Select One)		3
		Total Hours	21

Semester 4: Winter 2021 [2020-02]

Course Code	Course Title	Pre-Requisite	Hrs/wk
BLDG 2082	Structural Systems in Building Construction 2		2
BLDG 2105	Construction Estimating 2 – Pricing	BLDG 2080	4
BLDG 2111	Highrise Construction Technology		4
BLDG 3040	Building Codes and Regulations 2	BLDG 1162	2
BLDG 3041	Mechanical and Electrical Construction Practices		3
MGMT 3101	Construction Project Management 1 - Planning		4
Liberal Studies Elective	Liberal Studies Elective (Select One)		3
		Total Hours	22

Semester 5: Fall 2021 [2021-01]

Course Code	Course Title	Pre-Requisite	Hrs/wk
BLDG 3025	Construction Estimating 3 – Bidding	BLDG 2105	4
BLDG 3045	Heavy Construction Management Practices		3
BLDG 3108	Workplace Communications 2	BLDG 2108	2
BLDG 3166	Construction Project Accounting		2
MGMT 3120	Construction Quality Management		2
MGMT 3130	Construction Site Management - Supervision		4
Liberal Studies Elective	Liberal Studies Elective (Select One)		3
		Total Hours	20

Semester 6: Winter 2022 [2021-02]

Course Code	Course Title	Pre-Requisite	Hrs/wk
BLDG 3148	Construction Safety Management Practices (online)	BLDG 2102	2

Course Code	Course Title	Pre-Requisite	Hrs/wk
BLDG 3150	Construction Estimating 4 – Cost Control	BLDG 3025	5
BLDG 3175	Heavy Construction Management Practices 2	BLDG 3045	3
MGMT 3150	Construction Project Management 2 - Contract Administration	MGMT 3101	5
MGMT 4055	Labour Relations and Human Resources Management (hybrid)		3
Liberal Studies Elective	Liberal Studies Elective (Select One)		3
		Total Hours	21

Summer Work Term Semester: Summer 2022 [2021-03]

Course Code	Course Title	Pre-Requisite	Hrs/wk
TCOP 1001	Work Term (14 weeks)	All courses from semesters 1-5 must be completed prior to registering in and paying for the Co-Op Work Term	36

Semester 7: Fall 2022 [2022-01]

Course Code	Course Title	Pre-Requisite	Hrs/wk
BLDG 3149	Construction Business Management		2
BLDG 3152	Economics of Project Development		3
BLDG 3164	Capstone Industry Research 1		3
BLDG 3170	Preconstruction Cost Planning		3
BLDG 3203	Building Information Modeling - Management	BLDG 1152	4
MGMT 4049	Construction Risk Management (online)		2
MGMT 4050	Construction Project Procurement		3
		Total Hours	20

Semester 8: Winter 2023 [2022-02]

Course Code	Course Title	Pre-Requisite	Hrs/wk
BLDG 3151	Case Studies in Construction Management		3
BLDG 4050	Sustainable Construction Management Practices		3
BLDG 4150	Capstone Industry Research 2	BLDG 3164	3
MGMT 4051	Leadership Development for Construction Managers		3

Course Code	Course Title	Pre-Requisite	Hrs/wk
MGMT 4052	Project Financial Monitoring	BLDG 3152	3
MGMT 4053	Practicum in Construction Project Management	BLDG 3150	3
MGMT 4054	Ethics for Construction Managers (online)		3
		Total Hours	21

PATHWAY SUBJECT TO CHANGE