

T316 HONOURS BACHELOR OF TECHNOLOGY (CONSTRUCTION MANAGEMENT)

2021 PATHWAY (202003)

Semester 4: Summer 2021 [2020-03]

Course Code	Course Title	1st 7wks Hrs/wk	2nd 7wks Hrs/wk
BLDG 1106	Construction Materials	3	3
BLDG 1107	Construction Surveying (1st 7 weeks)	6	
BLDG 1156	Construction Materials Testing and Analysis	2	2
BLDG 2095	Construction Estimating 1 (1st 7 weeks)	4	
BLDG 2114	Construction Estimating 2 – Pricing (2nd 7 weeks)		4
BLDG 2204	Commercial Construction Technology	4	4
BLDG 3041	Mechanical and Electrical Construction Practices		6
Liberal Studies Elective	Liberal Studies Electives (Select two)	6	6
Total Hours		25	25

Semester 5: Fall 2021 [2021-01]

Course Code	Course Title	Pre-Requisite	Hrs/wk
BLDG 2109	Soils and Foundations		2
BLDG 3025	Construction Estimating 3 – Bidding	BLDG 2114	4
BLDG 3045	Heavy Construction Management Practices 1		3
BLDG 3108	Workplace Communications 2		2
BSCI 3101	Applications in Building Science		4
MGMT 3120	Construction Quality Management (online)		3
MGMT 3130	Construction Site Management - Supervision		4
Liberal Studies Elective	Liberal Studies Electives (Select one)		3
Total Hours			24

Semester 6: Winter 2022 [2021-02]

Course Code	Course Title	Pre-Requisite	Hrs/wk
BLDG 2111	Highrise Construction Technology		3
BLDG 3040	Building Codes and Regulations 2		2
BLDG 3148	Construction Safety Management Practices (online)		2
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
		Total Hours	23

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

Course Code	Course Title	Pre-Requisite	Hrs
TCOP 1001	Work Term (14 weeks)	All courses from semesters 1-5 must be completed prior to registering in and paying for the Work Term	450

Semester 7: Fall 2022 [2022-01]

Course Code	Course Title	Pre-Requisite	Hrs/wk
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		4
MGMT 4049	Construction Risk Management		2
MGMT 4050	Construction Project Procurement		3
Liberal Studies Elective	Liberal Studies Elective (Select one)		3
		Total Hours	21

Semester 8: Winter 2023 [2022-02]

Course Code	Course Title	Pre-Requisite	Hrs/wk
BLDG 3151	Case Studies in Construction Management		3

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