

T317 HONOURS BACHELOR OF TECHNOLOGY (CONSTRUCTION MANAGEMENT) SUMMER 2022

Semester 4: Summer 2022 [2021-03]

Course Code	Course Title	1st 7wks Hrs/wk	2nd 7wks Hrs/wk
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 (1 st 7 weeks)	6	
BSCI 2101	Foundations in Building Science 1 (2 nd 7 weeks)		8
Liberal Studies Electives	Liberal Studies Elective (Select 2: One Lower-Level: 1200 series and One Upper-Level: 1300 series)	6	6
	Total Hours Per Week	20	22

Semester 5: Fall 202 [2022-01]

Course Code	Course Title	Pre-Requisite	Hrs/wk
BLDG 2111	Highrise Construction Technology		3
BLDG 2166	Construction Graphics 2		3
BLDG 3025	Construction Estimating 3 – Bidding	BLDG 2114	4
BLDG 3045	Heavy Construction Management Practices 1		3
BLDG 3055	Workterm Preparation 1		3
BSCI 3101	Applications in Building Science		4
MGMT 3120	Construction Quality Management		2
Liberal Studies Elective	Liberal Studies Elective (One Upper-Level: 1300 series)		3
		Total Hours Per Week	25

Semester 6: Winter 2023 [2022-02]

Course Code	Course Title	Pre-Requisite	Hrs/wk
BLDG 3040	Building Codes and Regulations 2		2
BLDG 3148	Construction Safety Management Practices (online)		2

Course Code	Course Title	Pre-Requisite	Hrs/wk
BLDG 3167	Construction Estimating 4 – Cost Control	BLDG 3025	5
BLDG 3168	Capstone 1 – Bid Competition	BLDG 3025	3
BLDG 3169	Workterm Preparation 2		1
BLDG 3175	Heavy Construction Management Practices 2	BLDG 3045	3
MGMT 3150	Construction Project Management 2 - Contract Administration		5
		Total Hours Per Week	24

Summer Work Term Semester: Summer 2023 [2022-03]

Course Code	Course Title	Pre-Requisite	Hrs/wk
TCOP 1001	Field Experience (450 hours)	Completion of semesters 4-6	

Semester 7: Fall 2023 [2023-01]

Course Code	Course Title	Pre-Requisite	Hrs/wk
BLDG 3152	Economics of Project Development		3
BLDG 3170	Preconstruction Cost Planning		3
BLDG 3203	Building Information Modeling - Management		4
BLDG 4020	Research Methods		2
MGMT 4050	Construction Project Procurement		3
MGMT 4055	Labour Relations and Human Resources Management		3
Liberal Studies Elective	Liberal Studies Elective (One Upper-Level: 1300 series)		3
		Total Hours Per Week	21

Semester 8: Winter 2024 [2023-02]

Course Code	Course Title	Pre-Requisite	Hrs/wk
BLDG 4021	Project Risk Management		3
BLDG 4050	Sustainable Construction Management Practices		3
BLDG 4150	Capstone 2 - Industry Research	BLDG 3164	3
MGMT 4052	Project Financial Monitoring	BLDG 3152	3
MGMT 4090	Construction Procurement 2	BLDG 3168	2

Course Code	Course Title	Pre-Requisite	Hrs/wk
MGMT 4091	Leadership Development for Construction Managers		3
		Total Hours Per Week	17

PATHWAY SUBJECT TO CHANGE