

## T314 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
<b>BLDG 1106</b>	Construction Materials	2	2
<b>BLDG 1107</b>	Construction Surveying (1st 7 weeks)	6	
<b>BLDG 1156</b>	Construction Materials Testing and Analysis	2	2
<b>BLDG 2095</b>	Construction Estimating 1 (1st 7 weeks)	4	
<b>BLDG 2102</b>	Construction Health & Safety (2nd 7 weeks)		4
<b>BLDG 2114</b>	Construction Estimating 2 – Pricing (2nd 7 weeks)		4
<b>MGMT 3101</b>	Construction Project Management 1 - Planning	4	4
<b>Liberal Studies Elective</b>	Liberal Studies Elective ( <b>One Lower-Level: 1200 series</b> )	3	3
<b>Total Hours Per Week</b>		<b>21</b>	<b>19</b>

### Semester 5: Fall 2022 [2022-01]

Course Code	Course Title	Pre-Requisite	Hrs/wk
<b>BLDG 2111</b>	Highrise Construction Technology		3
<b>BLDG 3025</b>	Construction Estimating 3 – Bidding	BLDG 2114	4
<b>BLDG 3045</b>	Heavy Construction Management Practices 1		3
<b>BLDG 3055</b>	Work Term Preparation 1		3
<b>BSCI 3101</b>	Applications in Building Science		4
<b>MGMT 3130</b>	Construction Site Management - Supervision		4
<b>Liberal Studies Elective</b>	Liberal Studies Elective ( <b>One Upper-Level: 1300 series</b> )		3
		<b>Total Hours Per Week</b>	<b>24</b>

### Semester 6: Winter 2023 [2022-02]

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

<b>Course Code</b>	<b>Course Title</b>	<b>Pre-Requisite</b>	<b>Hrs/wk</b>
<b>BLDG 3166</b>	Construction Project Accounting		2
<b>BLDG 3167</b>	Construction Estimating 4 – Cost Control	BLDG 3025	2
<b>BLDG 3168</b>	Capstone 1 – Bid Competition		3
<b>BLDG 3169</b>	Work Term Preparation 2	BLDG 3055	1
<b>BLDG 3175</b>	Heavy Construction Management Practices 2	BLDG 3045	3
<b>MGMT 3150</b>	Construction Project Management 2 - Contract Administration	MGMT 3101	3
<b>Liberal Studies Elective</b>	Liberal Studies Elective ( <b>One Upper-Level: 1300 series</b> )		3
		<b>Total Hours Per Week</b>	<b>21</b>

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

<b>Course Code</b>	<b>Course Title</b>	<b>Pre-Requisite</b>	<b>Hrs/wk</b>
<b>TCOP 1001</b>	Field Experience (450 hours)	Completion of all courses from semesters 4 and 5	

#### Semester 7: Fall 2023 [2023-01]

<b>Course Code</b>	<b>Course Title</b>	<b>Pre-Requisite</b>	<b>Hrs/wk</b>
<b>BLDG 3152</b>	Economics of Project Development	BLDG 3167	3
<b>BLDG 3170</b>	Preconstruction Cost Planning		3
<b>BLDG 3203</b>	Building Information Modeling - Management		4
<b>BLDG 4020</b>	Research Methods		2
<b>MGMT 4050</b>	Construction Project Procurement 1		3
<b>MGMT 4055</b>	Labour Relations and Human Resources Management		3
<b>MGMT 4088</b>	Construction Business Management & Entrepreneurship		3
<b>Liberal Studies Elective</b>	Liberal Studies Elective ( <b>One Upper-Level: 1300 series</b> )		3
		<b>Total Hours Per Week</b>	<b>24</b>

#### Semester 8: Winter 2024 [2023-02]

<b>Course Code</b>	<b>Course Title</b>	<b>Pre-Requisite</b>	<b>Hrs/wk</b>
<b>BLDG 4021</b>	Project Risk Management		3
<b>BLDG 4050</b>	Sustainable Construction Management Practices		3

<b>Course Code</b>	<b>Course Title</b>	<b>Pre-Requisite</b>	<b>Hrs/wk</b>
<b>BLDG 4150</b>	Capstone 2 - Industry Research	BLDG 3168	3
<b>MGMT 4052</b>	Project Financial Monitoring	BLDG 3152	3
<b>MGMT 4090</b>	Construction Project Procurement 2	BLDG 3168	2
<b>MGMT 4091</b>	Leadership and Ethics for Construction Managers		3
		<b>Total Hours Per Week</b>	<b>17</b>

**\*PATHWAY SUBJECT TO CHANGE\***