

# T312 HONOURS BACHELOR OF TECHNOLOGY (CONSTRUCTION MANAGEMENT)

## 2017-2018 PATHWAY

### Semester 1: Fall 2017 [2017-01]

Course Code	Course Title	Pre-Requisite	Hrs/wk
<b>BLDG 1106</b>	Construction Materials		2
<b>BLDG 1151</b>	Residential Construction Technology		6
<b>BLDG 1153</b>	Introduction to Construction		2
<b>BLDG 1156</b>	Construction Materials Testing and Analysis		2
<b>BLDG 1193</b>	Technical Communications		2
<b>MATH 1151</b>	Technical Mathematics 1		3
<b>Liberal Studies Elective</b>	Liberal Studies Elective (Select One)		3
		<b>Total Hours</b>	<b>20</b>

### Semester 2: Winter 2018 [2017-02]

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

### Semester 3: Fall 2018 [2018-01]

Course Code	Course Title	Pre-Requisite	Hrs/wk
<b>BLDG 2080</b>	Construction Estimating 1 – Quantity Surveying		4
<b>BLDG 2109</b>	Building Foundations Construction Technology		4
<b>BLDG 2120</b>	Structural Systems in Building Construction		3

<b>Course Code</b>	<b>Course Title</b>	<b>Pre-Requisite</b>	<b>Hrs/wk</b>
<b>BSCI 3101</b>	Applications in Building Science	BSCI 2101	4
<b>LAW 1151</b>	Construction Law		2
<b>Liberal Studies Elective</b>	Liberal Studies Elective (Select One)		3
		<b>Total Hours</b>	<b>20</b>

Semester 4: Winter 2019 [2018-02]

<b>Course Code</b>	<b>Course Title</b>	<b>Pre-Requisite</b>	<b>Hrs/wk</b>
<b>BLDG 2105</b>	Construction Estimating 2 – Pricing	BLDG 2080	4
<b>BLDG 2204</b>	Commercial Construction Technology		4
<b>BLDG 3040</b>	Building Codes and Regulations 2	BLDG 1162	3
<b>BLDG 3045</b>	Heavy Construction Management Practices		3
<b>MGMT 3101</b>	Construction Project Management 1 - Planning		4
<b>Liberal Studies Elective</b>	Liberal Studies Elective (Select One)		3
		<b>Total Hours</b>	<b>21</b>

Semester 5: Fall 2019 [2019-01]

<b>Course Code</b>	<b>Course Title</b>	<b>Pre-Requisite</b>	<b>Hrs/wk</b>
<b>BLDG 2111</b>	Highrise Construction Technology		3
<b>BLDG 3025</b>	Construction Estimating 3 – Bidding	BLDG 2105	4
<b>BLDG 3108</b>	Workplace Communications 2	BLDG 2108	2
<b>MGMT 3120</b>	Construction Quality Management		3
<b>MGMT 3130</b>	Construction Site Management - Supervision		4
<b>Liberal Studies Elective</b>	Liberal Studies Elective (Select One)		3
		<b>Total Hours</b>	<b>19</b>

Semester 6: Winter 2020 [2019-02]

<b>Course Code</b>	<b>Course Title</b>	<b>Pre-Requisite</b>	<b>Hrs/wk</b>
<b>BLDG 3148</b>	Construction Safety Management Practices	BLDG 2102	3
<b>BLDG 3149</b>	Construction Business Management		2
<b>BLDG 3150</b>	Construction Estimating 4 – Cost Control	BLDG 3025	4
<b>BLDG 3166</b>	Construction Project Accounting		2
<b>MGMT 3150</b>	Construction Project Management 2 - Contract Administration	MGMT 3101	6

Course Code	Course Title	Pre-Requisite	Hrs/wk
Liberal Studies Elective	Liberal Studies Elective (Select One)		3
		<b>Total Hours</b>	<b>20</b>

Summer Co-Op Semester: Summer 2020 [2019-03]

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 2020 [2020-01]

Course Code	Course Title	Pre-Requisite	Hrs/wk
BLDG 3152	Economics of Project Development		3
BLDG 3164	Capstone Industry Research 1		2
BLDG 3170	Preconstruction Cost Planning		3
BLDG 3203	Building Information Modeling - Management	BLDG 1152	4
MGMT 4049	Construction Risk Management		2
MGMT 4050	Construction Project Procurement		3
MGMT 4051	Leadership Development for Construction Managers		3
		<b>Total Hours</b>	<b>20</b>

Semester 8: Winter 2021 [2020-02]

Course Code	Course Title	Pre-Requisite	Hrs/wk
BLDG 3151	Construction Law – Case Studies	LAW 1151	2
BLDG 4051	Innovation in Construction Project Management		3
BLDG 4150	Capstone Industry Research 2	BLDG 3164	2
MGMT 4052	Project Financial Monitoring	BLDG 3152	3
MGMT 4053	Practicum in Construction Project Management	BLDG 3150	3
MGMT 4054	Ethics for Construction Managers		3
MGMT 4055	Labour Relations and Human Resources Management		3
		<b>Total Hours</b>	<b>19</b>

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