CONSTRUCTION ENGINEERING TECHNOLOGY (T105) 2020-2021 PATHWAY

Semester 1: Fall 2020 or Winter 2021 [2020-01/02]

Course Code	Course Title	Pre-Requisite	Hrs/wk
BLDG 1026	Introduction to Residential Construction		6
BLDG 1074	Fundamentals of Building Architecture		2
GHUM 1106	History of Architecture		3
GSCI 1022	Building Science & Environment		3
MATH 1136	Mathematics for Building Technologies 1		3
COMM 1007*	College English	Placement Test	3
		Total Hours	**20**

*Depending on the results of your placement test, you may be required to take Foundation Level Communications: COMM 1003 (English Skills) or CESL 1003 (English Skills-ESL) before progressing to COMM 1007. Students placed in COMM 1003 or CESL 1003 will be charged extra tuition. Please visit the Assessment Centre for further information http://assessment.georgebrown.ca/

Semester 2: Winter 2021 or Spring 2021 [2020-02/03]

Course Code	Course Title	Pre-Requisite	Hrs/wk
BLDG 1025	Construction Field Practices		3
BLDG 1042	Construction Materials and Methods		4
BLDG 1043	Quantity Surveying		2
BLDG 1073	Construction Materials Testing		2
BLDG 1076	Building Code 1		3
BLDG 1077	Construction Health and Safety		2
BLDG 1078	Introduction to 3D Modeling		3
MATH 1146	Mathematics for Building Technologies 2	MATH 1136	3
		Total Hours	**22**

Semester 3: Fall 2021 [2021-01]

Course Code	Course Title	Pre-Requisite	Hrs/wk
BLDG 1084	Timber Construction Technology		3
BLDG 1165	Introduction to Building Science	GSCI 1022	3
BLDG 1201	Work Preparation		1
BLDG 1202	*Field Experience 1 (2nd 7 weeks - online)		1
BLDG 2019	Estimating-Small Buildings	BLDG 1043	4
BLDG 2045	Construction Site Management, Supervision, and Inspection		4
BLDG 2076	Building Code 2		2
COMM 1113	Professional Communications	COMM 1007	2

Course Code	Course Title	Pre-Requisite	Hrs/wk
GNED	General Education Elective (Select One)		3
		Total Hours	**23**
***BLDG 1202 requires 25 hours of field experience**			

Semester 4: Winter 2022 [2021-02]

Course Code	Course Title	Pre-Requisite	Hrs/wk
BLDG 2021	Construction Planning & Scheduling		4
BLDG 2046	Mechanical & Electrical Installations		4
BLDG 2090	Principles of Construction Law		2
BLDG 2091	Steel Construction Technology		2
BLDG 2130	*Field Experience 2 (online)		2
BLDG 3004	Pricing Construction Works	BLDG 2019	4
GNED	General Education Elective (Select One)		3
		Total Hours	**21**
***BLDG 2130 requires 75 hours of field experience**			

Semester 5: Fall 2022 [2022-01]

Course Code	Course Title	Pre-Requisite	Hrs/wk
BLDG 3006	Construction Project Management Administration		5
BLDG 3038	Building Assessment (hybrid)		2
BLDG 3046	Construction Budgeting & Bidding Practices	BLDG 3004	4
BLDG 3047	Concrete Construction Technology		3
BLDG 3060	Applied Building Science	BLDG 1165	2
BLDG 3077	Sustainable Building Practices		3
		Total Hours	**19**

Semester 6: Winter 2023 [2022-02]

Course Code	Course Title	Pre-Requisite	Hrs/wk
BLDG 3019	Construction Project Management – Cost Control	BLDG 3006	5
BLDG 3020	Applied Construction Practices		5
BLDG 3065	Construction Accounting		2
BLDG 3075	Technical Research Report (online)	COMM 1113	2

Course Code	Course Title	Pre-Requisite	Hrs/wk
BLDG 3076	Construction Quality Practices (online)		2
BLDG 3082	Construction Business Management		3
		Total Hours	**19**

PATHWAY SUBJECT TO CHANGE