

ARCHITECTURAL TECHNOLOGY (T109) 2020-2021 PATHWAY

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

Course Code	Course Title	Pre-Requisite	Co-requisite	Hrs/wk
ARCH 1005	Architectural Technology & Studio 1			6
ARCH 1048	Structural Systems 1			2
ARCH 1050	Visual Communications 1			2
ARCH 1060	Design Fundamentals			2
CADE 1012	CAD Drawing 1			3
COMM 1007 *	College English			3
MATH 1139	Mathematics for Arch/IDT 1			4
			Total Hours	22

*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	Co-requisite	Hrs/wk
ARCH 1006	Architectural Technology & Studio 2	ARCH 1005 and CADE 1012	ARCH 1013 and CADE 1014	6
ARCH 1013	Building Code and Regulations 1		ARCH 1006 and CADE 1014	3
ARCH 1070	Materials, Methods & Components 1			2
CADE 1014	CAD Drawing 2	CADE 1012	ARCH 1006 and ARCH 1013	3
GHUM 1106	History of Architecture			3
GSCI 1022	Building Science & Environment			3
MATH 1149	Mathematics for Arch/IDT 2	MATH 1139		4
			Total Hours	24

Semester 3: Fall 2021 [2021-01]

Course Code	Course Title	Pre-Requisite	Co-requisite	Hrs/wk
ARCH 1058	Structural Systems 2	ARCH 1048		2
ARCH 1109	Building Systems - Mechanical and Electrical			2
ARCH 1164	Fundamentals of Building Science			2
ARCH 2004	Architectural Technology & Studio 3	ARCH 1006 and CADE 1014	ARCH 2007	6
ARCH 2006	Practice Management 1			2
ARCH 2007	Building Code and Regulations 2	ARCH 1013	ARCH 2004	3
CADE 2001	Digital Practices for Architecture 1	CADE 1014		3
GNEED	General Education Elective			3
		Total Hours		23

Semester 4: Winter 2022 [2021-02]

Course Code	Course Title	Pre-Requisite	Co-requisite	Hrs/wk
ARCH 2005	Architectural Technology & Studio 4	ARCH 2004 and CADE 2001	ARCH 2034 and CADE 3001	6
ARCH 2008	Practice Management 2	ARCH 2006		2
ARCH 2033	Visual Communications 2	ARCH 1050		2
ARCH 2034	Structural Systems 3	ARCH 1058	ARCH 2005 and CADE 3001	2
ARCH 2035	Materials, Methods & Components 2	ARCH 1070		2
CADE 3001	Digital Practices for Architecture 2	CADE 2001	ARCH 2005 and ARCH 2034	3
COMM 1113	Professional Communications for Building Technologies	COMM 1007		2
GNEED	General Education Elective (Select One)			3
		Total Hours		22

Semester 5: Fall 2022 [2022-01]

Course Code	Course Title	Pre-Requisite	Co-requisite	Hrs/wk
ARCH 2172	Technical Report Writing	COMM 1113		2
ARCH 3007	Architectural Technology & Studio 5	ARCH 2005 and CADE 3001	ARCH 3021 and CADE 3002	6
ARCH 3010	Principles of Building Information Modeling			2
ARCH 3021	Structural Systems 4	ARCH 2034	ARCH 3007 and CADE 3002	2
ARCH 3070	Materials, Methods & Components 3	ARCH 2035		2
CADE 3002	Digital Practices for Architecture 3	CADE 3001	ARCH 3007 and ARCH 3021	3
Options - Select <u>one</u> course concentration				
ARCH 3015	Concentrations in Digital Technologies 1			2
ARCH 3019	Concentrations in Architecture 1			2
ARCH 3020	Concentrations in Building Science - New Construction			2
ARCH 3022	Concentrations in Project Management - Planning			2
		Total Hours		19

Semester 6: Winter 2023 [2022-02]

Course Code	Course Title	Pre-Requisite	Co-requisite	Hrs/wk
ARCH 3008	Architectural Technology & Studio 6	ARCH 3007 and CADE 3002		6
ARCH 3013	Materials, Methods & Components 4	ARCH 3070		2
ARCH 3018	Specifications and Documentation			2
ARCH 3026	Sustainable Rating Systems			3
ARCH 3037	Project Cost Estimating			3
CADE 3003	Digital Practices for Architecture 4	CADE 3002		3

Course Code	Course Title	Pre-Requisite	Co-requisite	Hrs/wk
Options - Select <u>one</u> course concentration				
ARCH 3016	Concentrations in Digital Technologies 2	ARCH 3015		2
ARCH 3039	Concentrations in Architecture 2	ARCH 3019		2
ARCH 3040	Concentrations in Building Science – Renovation and Retrofit			2
ARCH 3042	Concentrations in Project Management - Procurement			2
		Total Hours		21

PATHWAY SUBJECT TO CHANGE