

MODEL ROUTE

School:	School of Engineering Technology and Applied Science - SDRE	Program Number:	3607						
Program Title:	Architectural Technology (Online)	Credential:	<input type="checkbox"/> Certificate	<input type="checkbox"/> Graduate Certificate	<input type="checkbox"/> Degree				
			<input type="checkbox"/> Diploma	<input checked="" type="checkbox"/> Advanced Diploma					
Program Delivery Mode:	<input type="checkbox"/> Co-Op <input checked="" type="checkbox"/> Online <input type="checkbox"/> Fast Track <input type="checkbox"/> Hybrid <input checked="" type="checkbox"/> Non Co-op	Duration :	<input type="checkbox"/> 2 Semesters	<input type="checkbox"/> 3 Semesters					
			<input type="checkbox"/> 4 Semesters	<input checked="" type="checkbox"/> 6 Semesters					
			<input type="checkbox"/> 8 Semesters	<input type="checkbox"/> 9 Semesters					
Campus:	Online								
Intake:	Fall 2022/Winter 2023								
Course Code	Course Title	Co/Pre Requisite (Course Code)	Lab Hours	Lecture Hours	Field Placement Hours	Course Delivery ODL=Online BLD=Blended HYB = Hybrid	Total Course Hrs (Lab + Lecture + Field)	Weeks (14)	Total Hours
Semester 1	Fall 2022/Winter 2023								
ARCH-101*	Design and Computer Aided Drafting Project 1	C = ARCH-102	8	1		ODL	9	14	126
MATM-101*	Materials and Methods 1		0	2		ODL	2	14	28
ENVR-101*	Environment 1		0	2		ODL	2	14	28
ARCH-102	Architectural CAD 1	C = ARCH-101	2	0		ODL	2	14	28
MATH-111 *	Mathematics for Architecture 1		0	3		ODL	3	14	42
COMM-170/171	College Communications 2		0	3		ODL	3	14	42
GNED	General Education Elective		0	3		ODL	3	14	42
								Total	336
Semester 2	Winter 2023/Summer 2023								
ARCH-121 *	Design and Computer Aided Drafting Project 2	P = ARCH-101, AR	8	1		ODL	9	14	126
MATM-122 *	Materials and Methods 2	P = MATM-101	0	2		ODL	2	14	28
ENVR-123 *	Environment 2	P = ENVR-101	0	2		ODL	2	14	28
ARAP-124 *	Applied Physics	P = MATH-111	0	3		ODL	3	14	42
MATH-112	Mathematics for Architecture 2	P = MATH-111	0	3		ODL	3	14	42
GNED-500	Global Citizenship: From Social Analysis to Social Action		0	3		ODL	3	14	42
								Total	308
Semester 3	Fall 2023								
ARCH-201 *	Design and Computer Aided Drafting Project 3	P = ARCH-121	8	1		ODL	9	14	126
ARCH-206	History of Architecture		0	2		ODL	2	14	28
MATM-202 *	Materials and Methods 3	P = MATM-122	0	2		ODL	2	14	28
ENVR-203 *	Environment 3	P = ENVR-123	0	2		ODL	2	14	28
ACHS-204	Construction Health & Safety		0	1		ODL	1	14	14
ARBC-205	Builders and Contractors		0	2		ODL	2	14	28
								Total	252
Semester 4	Winter 2024								
ARCH-221 *	Design and Computer Aided Drafting Project 4	P = ARCH-201	8	1		ODL	9	14	126
ARBS-222 *	Building Services 1		0	2		ODL	2	14	28
ENVR-223 *	Environment 4	P = ENVR-203	0	2		ODL	2	14	28
ARGR-224	Architectural Graphics	P = ARCH 201	2	0		ODL	2	14	28
ARST-305 *	Structures	P = ARAP-124	0	3		ODL	3	14	42
GNED	General Education Elective		0	3		ODL	3	14	42
								Total	294
Semester 5	Fall 2024								
ARPM-225	Project Management		0	3		ODL	3	14	42
ARCH-301 *	Design and CAD Complex Project	P = ARCH-221	0	1		ODL	9	14	126

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Campus:	Online		
Intake:	Fall 2022/Winter 2023		

Course Code	Course Title	Co/Pre Requisite (Course Code)	Lab Hours	Lecture Hours	Field Placement Hours	Course Delivery ODL=Online BLD=Blended HYB = Hybrid	Total Course Hrs (Lab + Lecture + Field)	Weeks (14)	Total Hours
ARBS-302	Building Services 2 ◆	P = ARBS-222	0	2		ODL	2	14	28
ENVR-303 *	Environment 5 ◆	P = ENVR-223	0	2		ODL	2	14	28
ARPT-304	Advanced Presentation Techniques ◆	P = ARGR-224	2	0		ODL	2	14	28
ARST-306	Advanced Structures ◆	P = ARST-305	3	0		ODL	3	14	42
ARBW-307 *	Technical Writing ◆	P = COMM 170/171	0	2		ODL	2	14	28
								Total	322

Semester 6	Winter 2025								
ARCH-321 *	Design and CAD Multi-Use Project ◆	P = ARCH-221	12	1		ODL	13	14	182
ARCL-322	Contracts, law and professional practice & ethics ◆		0	2		ODL	2	14	28
ENVR-323 *	Environment 6 ◆	P = ENVR-223	0	2		ODL	2	14	28
ARBL-324	Building within the Municipality ◆		0	2		ODL	2	14	28
ARSW-325	Specification Writing & Contracts ◆		2	0		ODL	2	14	28
ARPE-326	Understanding the Ontario Building Code ◆		0	3		ODL	3	14	42
								Total	336

Minimum Grade Required: Min. Avg. Program GPA > or = 2.0 (C grade average)

Total Program Hours: 1848

C = Co-Requisite; P = Pre-Requisite

Notes:
◆ This course may be offered in one of the following modalities (Online, Hybrid or Blended)
 Students who have completed all course requirements in Semester 3 & 4 will have met all the prerequisite requirements for courses in semester 5
 * Minimum C-grade required for entry into year 3 and/or graduation from Technologist
 ** Minimum 2.0 GPA required for entry into Semester 5 or 6
◆ MATH-111 & COMM 170/171 must be successfully completed before the start of Semester 3.

Signature: _____
Clarence Cheung
 School Dean/Chair

_____ 24-Mar-22
 Revised Date