MODEL ROUTE

School:	School of Engineering Technology and Applied Science - SDRE	Program Number:	3135		
Program Title:	**Architectural Technology Co-op Fast Track**	**Credential:**	☐ Certificate ☐ Graduate Certificate ☐ Degree ☐ Diploma ☑ Advanced Diploma		
Program Delivery Mode:	☑ Co-Op ☐ Online ☑ Fast Track ☐ Hybrid ☐ Non Co-op	**Duration :**	☐ 2 Semesters ☐ 3 Semesters ☐ 4 Semesters ☑ 6 Semesters ☐ 8 Semesters ☐ 9 Semesters		
Campus:	**Morningside**				
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 3	**Fall 2022/Winter 2023**								
ARCH-201*	Design and Computer Aided Drafting Project 3		8	1			9	14	126
MATM-101	Materials and Methods 1		0	2			2	14	28
MATM-202*	Materials and Methods 3		0	2			2	14	28
ENVR-203*	Environment 3◈		0	2		HYB	2	14	28
ACHS-204	Construction Health & Safety◈		0	1		ODL	1	14	14
ARBC-205	Builders and Contractors		0	2			2	14	28
COMM-170/171*	College Communications 2		0	3			3	14	42
							Total		294
Semester 4	**Winter 2023/Summer 2023**								
ARCH-221 *	Design and Computer Aided Drafting Project 4	P = ARCH-201	8	1			9	14	126
ARBS-222 *	Building Services 1		0	2			2	14	28
ENVR-223 *	Environment 4 ◈	P = ENVR-203	0	2		HYB	2	14	28
ARGR-224	Architectural Graphics	P = ARCH 201	2	0			2	14	28
ARST-305 *	Structures	P = ARAP-124	0	3			3	14	42
GNED-500	Global Citizenship: From Social Analysis to Social Action◈		0	3		ODL, BLD, HYB	3	14	42
GNED	General Education Elective◈		0	3		ODL, BLD, HYB	3	14	42
COOP-821	Employment Preplacement	P = COMM170/171 minimum"C" grade; CGPA 2.5; 80% year 1 courses completed	0	1			1	14	14
							Total		350
Work Term 1 (Summer 2023/Fall 2023)									
Co-op Work Placement 1									
Work Term 2 (Fall 2023/Summer 2024)									
Co-op Work Placement 2									
Semester 5**	**Fall 2024**								
ARPM-225	Project Management◈		0	3		HYB	3	14	42
ARCH-301 *	Design and CAD Complex Project◈	P = ARCH-221	8	1		BLD	9	14	126
ARBS-302	Building Services 2	P = ARBS-222	0	2			2	14	28
ENVR-303 *	Environment 5◈	P = ENVR-223	0	2		HYB	2	14	28
ARPT-304	Advanced Presentation Techniques	P = ARGR-224	2	0			2	14	28
ARST-306	Advanced Structures	P = ARST-305	3	0			3	14	42
ARBW-307 *	Technical Writing	P = COMM 170/171	0	2			2	14	28
							Total		322

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Campus:	**Morningside**

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 6					**Winter 2024**				
ARCH-321 *	Design and CAD Multi-Use Project◈	P = ARCH-221	12	1		BLD	13	14	182
ARCL-322	Contracts, law and professional practice & ethics◈		0	2		HYB	2	14	28
ENVR-323 *	Environment 6 ◈	P = ENVR-223	0	2		ODL	2	14	28
ARBL-324	Building within the Municipality◈		0	2		HYB	2	14	28
ARSW-325	Specification Writing & Contracts		2	0			2	14	28
ARPE-326	Understanding the Ontario Building Code◈		0	3		HYB	3	14	42
							Total		336

Minimum Grade Required: Min. Avg. Program GPA > or = 2.0 (C grade average)				
			Total Program Hours:	**1302**

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 & 6.
 * Minimum C-grade required for entry into semester 5 and 6, and/or graduation from Technologist
** Minimum 2.0 GPA required for entry into Semester 5 or 6

Signature:	*Clarence Cheung*	24-Mar-22
	School Dean/Chair	Revised Date