

MODEL ROUTE

School:	School of Engineering Technology and Applied Science	Program Number:	3435						
Program Title:	Computer Systems Technology - Networking Co-op, Fast Track	Credential:	☐ Certificate ☐ Graduate Certificate ☐ Degree ☐ Diploma ☒ Advanced Diploma ☐ Centennial College Certificate						
Program Delivery Mode:	☒ Co-Op ☐ Online ☒ Fast Track ☐ Hybrid ☐ Non Co-op	Duration :	☐ 1 Semesters ☒ 4 Semesters ☐ 2 Semesters ☐ 6 Semesters ☐ 3 Semesters ☐ 8 Semesters						
Campus:	PROGRESS	Department Code:	3513						
Intake:	Fall 2022 and 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 or Winter 2023								
CNET202	Windows Server Operating System	P=CNET101 and CNET102	4				4	14	56
CNET217	Swtching and Routing Essentials		6	2			8	14	112
CNET225	Introduction to Telephony	P=CNET124	4				4	14	56
CNET332	Scripting for System Administration	P=CNET232		3			3	14	42
COMM170/171	College Communications 2	P=COMM160 or COMM161		3			3	14	42
GNED	General Education Elective			3			3	14	42
							Total		350
Semester 4	Winter 2023 or Summer 2023								
AMEG212◆	Applied Ethics in Technology & The Environment			2		ODL	2	14	28
CNET212	Virtualization and Cloud Technologies	P=CNET202	2	2			4	14	56
CNET221	Network Security	P=CNET201 or CNET217	2	2			4	14	56
CNET222	Network Services	P=CNET202	3				3	14	42
CNET229◆	Introduction to Business and ICT	P=COMM160 or COMM161 or COMM170 or COMM171		2		ODL	2	14	28
CNET306	UNIX/Linux	P=CNET206	2	2			4	14	56
CNET311	Routing and Switching	P=CNET201 or CNET217	4				4	14	56
COOP121	Employment Preplacement	P=COMM170/171 minimum"C" grade; CGPA 2.5; 80% year 1 courses completed		1			1	14	14
GNED500	Global Citizenship: from Social Analysis to Social Action			3			3	14	42
							Total		378
Work Term 1	Summer 2023 or Fall 2023								
COOP222	Co-op Work Placement 1								
Work Term 2	Fall 2023 or Summer 2024								
COOP331	Co-op Work Placement 2								
Semester 5	Winter 2024								
CNET239	Computer Forensics	P= CNET221	3				3	14	42
CNET301	Network Design and Test	P=CNET201 or CNET217	2	2			4	14	56
CNET304	Wireless Technology	P=CNET201 or CNET217	2	2			4	14	56

CNET305	Voice and Video Over IP	P=CNET201 or CNET217, and, CNET225 and CNET306	4				4	14	56
CNET307◆	IT Project Management	P=COMM170 or COMM171, and, CNET229 or COMP246	1	2		ODL	3	14	42
CNET320	Data Centre	P=CNET221 and CNET306	2	2			4	14	56
CNET329◆	Business and ICT	P=CNET229	1	2		ODL	3	14	42
							Total		350
Semester 6	Fall 2024								
CNET321	Network Management	C=CNET327 P=CNET221	3				3	14	42
CNET324	Wireless Networks	P=CNET304	2	2			4	14	56
CNET327	Technologist Project	P=CNET301 and CNET304 and CNET305 and CNET307	3				3	14	42
CNET328	Internetwork Troubleshooting	P=CNET311	4				4	14	56
CNET331	Ethical Hacking	P=CNET239	2	2			4	14	56
CNET341	IoT Technologies	P=CNET332 or CNET334	2	2			4	14	56
ENGL250	Report Writing in a Technical Environment	P=COMM170 or COMM171		2			2	14	28
							Total		336
Minimum Grade Required: D									

Total Program Hours:1414

C = Co-Requisite; P = Pre-Requisite

Notes:

◆This course may be offered in one of the following modalities (Online, Hybrid or Blended)