

MODEL ROUTE									
School:	School of Engineering Technology and Applied Science		Program Number:	3415					
Program Title:	Computer Systems Technology - Networking Co-op		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 checked="" type="checkbox"/> Co-Op	<input type="checkbox"/> Online	Duration :	<input type="checkbox"/> 2 Semesters	<input type="checkbox"/> 3 Semesters				
	<input type="checkbox"/> Fast Track	<input type="checkbox"/> Hybrid		<input type="checkbox"/> 4 Semesters	<input checked="" type="checkbox"/> 6 Semesters				
	<input type="checkbox"/> Non Co-op			<input type="checkbox"/> 8 Semesters					
Campus:	Progress								
Intake:	Fall 2018 and Winter 2019								
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 2018 or Winter 2019								
CNET101	PC Hardware		3	3			6	14	84
CNET102	PC Operating Systems		3				3	14	42
CNET104	Technical Writing with Microsoft Office and Visio		2			ODL	2	14	28
CNET204	Introduction to Web Design		2				2	14	28
COMM160/161	College Communications 1			3			3	14	42
GNED	General Education Elective			3			3	14	42
MATH149	Mathematics for Computer Systems 1			3			3	14	42
								Total	308
Semester 2	Winter 2019 or Summer 2019								
CNET124	Fundamentals of Computer Networks	P=(CNET101, CNET102) or COMP100 or ETEC116	2	2			4	14	56
CNET126	Electricity for Computer Systems		2	2			4	14	56
CNET205	Customer Skills	C=COMM170/171		2			2	14	28
CNET206	Introduction to UNIX/Linux	P=CNET102	2			HYB	2	14	28
CNET224	Data Communications	P= CNET101, CNET102	2	2			4	14	56
COMM170/171	College Communications 2	P=COMM160/161		3			3	14	42
MATH169	Mathematics for Computer Systems 2	P=MATH149		3			3	14	42
								Total	308
Break (Summer 2019)									
Semester 3	Fall 2019								
AMEG212	Applied Ethics in Technology & The Environment			2		ODL	2	14	28
CNET201	Fundamentals of Routing and Switching	P=CNET124 or ETEC116	4				4	14	56
CNET202	Windows Server Operating System	P=CNET101, CNET102	4				4	14	56
CNET219	The Physical Layer	P=CNET124, CNET126, MATH169, C=CNET225	2	2			4	14	56
CNET225	Introduction to Telephony	P=CNET124	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
MATH269	Statistics for Computer Systems	P= MATH149		3			3	14	42
								Total	350
Work Term 1 (Winter 2020)									
COOP222	Co-op Work Placement 1								
Semester 4	Summer 2020								
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=COMM170/171		2			2	14	28
CNET232	Introduction to Programming	P=MATH149, MATH169	2	2			4	14	56
CNET306	UNIX/Linux	P=CNET206	2	2			4	14	56

CNET311	Routing and Switching	P=CNET201 or CNET217	4				4	14	56
GNET	General Education Elective			3			3	14	42
								Total	336
Work Term 2 (Fall 2020)									
COOP331	Co-op Work Placement 2								
Semester 5 Winter 2021									
CNET231	WAN Technologies	P=CNET311	4				4	14	56
CNET301	Network Design and Test	P=CNET201 or CNET217	2	2			4	14	56
CNET304	Wireless Technology	P=(CNET219, CNET224) or CNET217	2	2			4	14	56
CNET305	Voice and Video Over IP	P=CNET201 or CNET217, CNET225, CNET306	4				4	14	56
CNET307	IT Project Management	P=COMM170/171, CNET229 or COMP225 or ETEC225 or MATH180	1	2			3	14	42
CNET320	Data Centre	P=CNET221, CNET306	2	2			4	14	56
ENGL250	Report Writing in a Technical Environment	P=COMM170/171		2			2	14	28
								Total	350
Work Term 3 (Summer 2021)									
COOP332	Co-op Work Placement 3								
Semester 6 Fall 2021									
CNET239	Computer Forensics	P=CNET221	3				3	14	42
CNET321	Network Management	C=CNET327 P=CNET221	3				3	14	42
CNET323◆	Relational Database Management	P=CNET232	2	2		HYB	4	14	56
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
CNET329◆	Business and ICT	P=CNET229	1	2		ODL	3	14	42
								Total	336
Minimum Grade Required: D									
								Total Program Hours:	1988

C = Co-Requisite; P = Pre-Requisite

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