

# MODEL ROUTE

<b>School:</b>	School of Engineering Technology and Applied Science	<b>Program Number:</b>	3435						
<b>Program Title:</b>	<b>Computer Systems Technology - Networking Co-op, Fast-Track</b>	<b>Credential:</b>	<input type="checkbox"/> Certificate	<input type="checkbox"/> Graduate Certificate	<input type="checkbox"/> Degree				
			<input type="checkbox"/> Diploma	<input checked="" type="checkbox"/> Advanced Diploma					
<b>Program Delivery Mode:</b>	<input checked="" type="checkbox"/> Co-Op <input type="checkbox"/> Online <input checked="" type="checkbox"/> Fast Track <input type="checkbox"/> Hybrid <input type="checkbox"/> Non Co-op	<b>Duration :</b>	<input type="checkbox"/> 2 Semesters	<input type="checkbox"/> 3 Semesters					
			<input checked="" type="checkbox"/> 4 Semesters	<input type="checkbox"/> 6 Semesters					
			<input type="checkbox"/> 8 Semesters						
<b>Campus:</b>	<b>Progress</b>								
<b>Intake:</b>	<b>Fall 2020 and Winter 2021</b>								
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
<b>Semester 3</b>	<b>Fall 2020 or Winter 2021</b>								
CNET202	Windows Server Operating System	P=CNET101, CNET102	4				4	14	56
CNET217	Switching 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=COMM160/161		3			3	14	42
GNED	General Education Elective			3			3	14	42
								<b>Total</b>	<b>350</b>
<b>Semester 4</b>	<b>Winter 2021 or Summer 2021</b>								
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=COMM160/161 or COMM170/171		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
								<b>Total</b>	<b>378</b>
<b>Work Term 1</b>	<b>Summer 2021 or Fall 2021</b>								
COOP222	Co-op Work Placement 1								
<b>Work Term 2</b>	<b>Fall 2021 or Summer 2022</b>								
COOP331	Co-op Work Placement 2								
<b>Semester 5</b>	<b>Winter 2022</b>								
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
								<b>Total</b>	<b>350</b>

Break **Summer 2022**

Semester 6 **Fall 2022**

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
								<b>Total</b>	<b>336</b>

**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)