

MODEL ROUTE

School:	School of Engineering Technology and Applied Science	Program Number:	3405						
Program Title:	Computer Systems Technology - Networking	Credential:	<input type="checkbox"/> Certificate	<input type="checkbox"/> Graduate Certificate	<input type="checkbox"/> Degree				
			<input type="checkbox"/> Diploma	<input checked="" type="checkbox"/> Advanced Diploma	<input type="checkbox"/> Centennial College Certificate				
Program Delivery Mode:	<input type="checkbox"/> Co-Op <input type="checkbox"/> Online <input type="checkbox"/> Fast Track <input type="checkbox"/> Hybrid <input checked="" type="checkbox"/> Non Co-op	Duration :	<input type="checkbox"/> 1 Semesters	<input type="checkbox"/> 4 Semesters					
			<input type="checkbox"/> 2 Semesters	<input checked="" type="checkbox"/> 6 Semesters					
			<input type="checkbox"/> 3 Semesters	<input type="checkbox"/> 8 Semesters					
Campus:	PROGRESS	Department Code:	3513						
Intake:	Fall 2021 and Winter 2022								
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 2021 or Winter 2022									
CNET101	PC Hardware		3	3			6	14	84
CNET102	PC Operating Systems		3				3	14	42
CNET124	Fundamentals of Computer Networks		2	2			4	14	56
COMM160/161◆	College Communications 1			3		ODL	3	14	42
GNE1	General Education Elective			3			3	14	42
MATH149	Mathematics for Computer Systems 1			3			3	14	42
								Total	308
Semester 2 Winter 2022 or Summer 2022									
AMEG212◆	Applied Ethics in Technology & The Environment			2		ODL	2	14	28
CNET201	Fundamentals of Routing and Switching	P=CNET124	4				4	14	56
CNET205◆	Customer Skills	P=COMM160 or COMM161		2		ODL	2	14	28
CNET206◆	Introduction to UNIX/Linux	P=CNET102	2			HYB	2	14	28
CNET229◆	Introduction to Business and ICT	P=COMM160 or COMM161 or COMM170 or COMM171		2		ODL	2	14	28
CNET232◆	Introduction to Programming	P= CNET102 and MATH149	2	2		HYB	4	14	56
COMM170/171	College Communications 2	P=COMM160 or COMM161		3			3	14	42
MATH169	Mathematics for Computer Systems 2	P=MATH149		3			3	14	42
								Total	308
Break Summer 2022									
Semester 3 Fall 2022									
CNET202	Windows Server Operating System	P=CNET101 and CNET102	4				4	14	56
CNET221	Network Security	P=CNET201 or CNET217	2	2			4	14	56
CNET225	Introduction to Telephony	P=CNET124	4				4	14	56
CNET306	UNIX/Linux	P=CNET206	2	2			4	14	56
CNET334	System Scripting	P=CNET232		3			3	14	42
GNE500	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
Semester 4 Winter 2023									
CNET212	Virtualization and Cloud Technologies	P=CNET202	2	2			4	14	56
CNET222	Network Services	P=CNET202	3				3	14	42
CNET239	Computer Forensics	P= CNET221	3				3	14	42
CNET304	Wireless Technology	P=CNET201 or CNET217	2	2			4	14	56
CNET311	Routing and Switching	P=CNET201 or CNET217	4				4	14	56
CNET323◆	Relational Database Management	P=CNET232	2	2		HYB	4	14	56
GNE1	General Education Elective			3			3	14	42
								Total	350
Break Summer 2023									
Semester 5 Fall 2023									
CNET301	Network Design and Test	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
CNET324	Wireless Networks	P=CNET304	2	2			4	14	56
CNET329	Business and ICT	P=CNET229	1	2		ODL	3	14	42
ENGL250	Report Writing in a Technical Environment	P=COMM170 or COMM171		2			2	14	28
								Total	336
Semester 6	Winter 2024								
CNET321	Network Management	C=CNET327 P=CNET221	3				3	14	42
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
CNET351	Emerging Technologies	P=CNET320 and CNET324 and CNET334	2	2			4	14	56
EMPS101	Employment Skills	P=COMM160 or COMM161 or COMM170 or COMM171		1			1	14	14
								Total	322

Minimum Grade Required: D

Total Program Hours: 1974

C = Co-Requisite; P = Pre-Requisite

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