

MODEL ROUTE

School:	School of Engineering Technology and Applied Science	Program Number:	3404						
Program Title:	Computer Systems Technician - Networking	Credential:	<input type="checkbox"/> Certificate	<input type="checkbox"/> Graduate Certificate	<input type="checkbox"/> Degree				
			<input checked="" type="checkbox"/> Diploma	<input type="checkbox"/> Advanced Diploma					
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"/> 2 Semesters	<input type="checkbox"/> 3 Semesters					
			<input checked="" type="checkbox"/> 4 Semesters	<input type="checkbox"/> 6 Semesters					
			<input type="checkbox"/> 8 Semesters						
Campus:	Progress								
Intake:	Fall 2020 and Winter 2021								
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 2020 or Winter 2021								
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			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 2021 or Summer 2021								
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
CNET205	Customer Skills	C=COMM170/171		2		ODL	2	14	28
CNET206	Introduction to UNIX/Linux	P=CNET102	2			HYB	2	14	28
CNET229	Introduction to Business and ICT	P=COMM160/161 or COMM170/171		2		ODL	2	14	28
CNET232	Introduction to Programming	P= CNET102, MATH149	2	2		HYB	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 2021)									
Semester 3	Fall 2021								
CNET202	Windows Server Operating System	P=CNET101 and CNET102	4				4	14	56
CNET225	Introduction to Telephony	P=CNET124	4				4	14	56
CNET307	IT Project Management	P=COMM170 or COMM171, and, CNET229 or COMP246	1	2		ODL	3	14	42
CNET334	System Scripting	P=CNET232		3			3	14	42
ENGL250	Report Writing in a Technical Environment	P=COMM170 or COMM171		2			2	14	28
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	308

Semester 4		Winter 2022							
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
CNET227	Technician Project	C=CNET222 P=CNET201 and CNET206, or, CNET217	3				3	14	42
CNET304	Wireless Technologies	P=CNET201 or CNET217	2	2			4	14	56
CNET311	Routing and Switching	P=CNET201 or CNET217	4				4	14	56
EMPS101	Employment Skills	P=COMM160 or COMM161 or COMM170 or COMM171		1			1	14	14
GNED	General Education Elective			3			3	14	42
								Total	364
Minimum Grade Required: D									
								Total Program Hours:	1288

C = Co-Requisite; P = Pre-Requisite

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