

MODEL ROUTE

School:	School of Engineering Technology and Applied Science	Program Number:	3415							
Program Title:	Computer Systems Technology - Networking Co-op	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 2024 and Winter 2025 and Summer 2025									
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 2024 or Winter 2025 or Summer 2025									
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	
GNED	General Education Elective			3		ODL	3	14	42	
MATH149	Mathematics for Computer Systems 1			3		ODL	3	14	42	
								Total	308	
Semester 2	Winter 2025 or Summer 2025 or Fall 2025									
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 or COMM170 or COMM171		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		ODL	3	14	42	
MATH169	Mathematics for Computer Systems 2	P=MATH149		3		ODL	3	14	42	
								Total	308	
Break	Summer 2025									
Semester 3	Fall 2025 or Winter 2026									
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		HYB	4	14	56	
CNET334	System Scripting	P=CNET232		3		ODL	3	14	42	
COOP121	Employment Preplacement	P=COMM160/161 minimum "C" grade; CGPA 2.5; 80% year 1 courses completed		1		ODL	1	14	14	
GNED500	Global Citizenship: from Social Analysis to Social Action			3		ODL	3	14	42	

C = Co-Requisite; P = Pre-Requisite Notes: ◆ This course may be offered in one of the following modalities (Online, Hybrid or Blended) ◆◆ This course may be offered in a compressed delivery 2 hours per week for a 7 week period.
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