MODEL ROUTE School of Engineering Technology and 3404 School: **Program Number: Applied Science** Certificate ☐ Graduate Certificate ☐ Degree Computer Systems Technician -**Program Title:** Credential: ☐ Centennial College Certificate ✓ Diploma ☐ Advanced Diploma Networking Co-Op Online ☐ 1 Semesters ✓ 4 Semesters **Program Delivery** Fast Track Hybrid **Duration:** 2 Semesters ☐ 6 Semesters Mode: ✓ Non Co-op ☐ 3 Semesters ■ 8 Semesters **PROGRESS** 3513 Campus: **Department Code:** Fall 2024 and Winter 2025 Intake: Course Total Field Delivery Course Hrs Co/Pre Requisite Lab Lecture Weeks Course Code Course Title Placement ODL=Online (Lab + **Total Hours** (Course Code) Hours Hours (14)Hours BLD=Blended Lecture + HYB = Hybrid Field) Fall 2024 or Winter 2025 3 6 84 PC Hardware 3 14 **PC Operating Systems** 3 3 14 42 2 2 4 14 **Fundamentals of Computer Networks** 56 ODL 3 3 42 COMM160/161 College Communications 1 14 General Education Elective 3 ODL 3 14 42 MATH149 � Mathematics for Computer Systems 1 3 ODL 3 14 42 308 Total Winter 2025 or Summer 2025 Semester 2 Applied Ethics in Technology & The AMEG212◆ 2 ODL 2 14 28 Environment 4 CNET201 Fundamentals of Routing and Switching P=CNET124 4 14 56 P=COMM160 or COMM161 or CNET205◆ **Customer Skills** 2 ODL 2 14 28 COMM170 or COMM171 CNET206◆ HYB Introduction to UNIX/Linux P=CNET102 2 2 14 28 P=COMM160 or

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28

56

42

42

308

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COMM161 or

P= CNET102 and

MATH149 P=COMM160 or

COMM161

P=MATH149

P=CNET101 and

P=COMM170 or

COMM171, and,

P=COMM170 or

CNET229 or COMP246

CNET102

P=CNET124

P=CNET232

COMM171

171

COMM170 or COMM

Semester 1 CNET101 CNET102 CNET124 GNED �

CNET229♦

CNET232◆

MATH169 ◆

Semester 3

CNET202

CNET225

CNET307◆

CNET334◆

ENGL250♦

GNED500◆

Break

COMM170/171

Introduction to Business and ICT

Introduction to Programming

Mathematics for Computer Systems 2

Windows Server Operating System

Introduction to Telephony

IT Project Management

Report Writing in a Technical

Global Citizenship: from Social Analysis to

System Scripting

Environment

Social Action

College Communications 2

Summer 2025

Fall 2025

MATH269 �	Statistics for Computer Systems	P= MATH149		3		ODL	3	14	42
								Total	308
Semester 4	Winter 2026								
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=COMM160/161 or COMM170/171, and, BTEC227 or COMP246 or CNET104 or CNET307 or ETEC223		1		ODL	1	14	14
GNED ♦	General Education Elective			3		ODL	3	14	42
								Total	364
Minimum Grade Required: D									
Total Program Hours:									1288

C = Co-Requisite; P = Pre-Requisite

Notos

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