MODEL ROUTE										
School:	School of Engineering Technology and Applied Science	Program Number:	3528							
Program Title:	Health Informatics Technology, Fast Track	Credential:		☐ Certificate ☐ Graduate Certificate ☐ Degree ☐ 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:		3515						
Intake:	Fall 2023 and Winter 2024									
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 3	Fall 2023 or Winter 2024	D. COMMANDO		ı					I	
COMM170/171�	College Communications 2	P=COMM160 or COMM161		3		ODL	3	14	42	
COMP123	Programming 2	P=COMP100	2	2			4	14	56	
COMP214	Advanced Database Concepts	P=COMP122	2	2			4	14	56	
COMP246�	Software Systems Design	P=COMP123 and COMP225	2	2		НҮВ	4	14	56	
COMP381	Tools, Algorithms and Methods for HCIS	C=COMP214; P=COMP123	2	2			4	14	56	
GNED500�	Global Citizenship: from Social Analysis to Social Action			3		ODL	3	14	42	
	W							Total	308	
Semester 4 COMP212	Winter 2024 or Summer 2024	D. COMP122					4	1.4	FC	
COMP212	Programming 3 Java Programming	P=COMP123 P=COMP123	2	2			4	14 14	56 56	
		P=COMP123 and					4	14		
COMP229	Web Application Development Software Testing and Quality	COMP125	2	2			4	14	56	
COMP311�	Assurance	P=COMP123	2	2		НҮВ	4	14	56	
COMP380�	Structure of HCIS	P=COMP120	2	2		HYB	4	14	56	
ENGL253�	Advanced Business Communications	P=COMM170 or COMM171		3		ODL	3	14	42	
MATH210 �	Linear Algebra and Statistics	P=MATH175 and MATH185	2	2		НҮВ	4	14	56	
								Total	378	
Break	Summer 2024									
Semester 5	Fall 2024									
COMP231�	Software Development Project 1	P=COMP228 and COMP229 and COMP246	2	2		ODL	4	14	56	
COMP304	Mobile Apps Development	P=COMP228	2	2			4	14	56	
СОМРЗО9	Data Warehousing and Predictive Analytics	P=COMP214	2	2			4	14	56	
COMP383	Data Security and Privacy Policies in HCIS	P=COMP380	2	2			4	14	56	
COMP384 ♦	Telehealth	P=COMP381	2	2		ODL	4	14	56	
COMP387�	Clinical Workflow and IT Solutions		2	1		ODL	3	14	42	
GNED �	General Education Elective			3		ODL	3	14	42	
								Total	364	
Semester 6	Winter 2025									

CNET307�	IT Project Management	P=COMM170 or COMM171, and, CNET229 or COMP225	1	2		ODL	3	14	42
COMP216�	Networking for Software Developers	P=COMP100	2	2		НҮВ	4	14	56
COMP254	Data Structures and Algorithms	P=COMP228	2	2			4	14	56
COMP255�	Business and Entrepreneurship for Software Engineering Technology	P=COMP225	3			ODL	3	14	42
COMP313�	Software Development Project 2	P=COMP231 and COMP303 and COMP304, or, COMP231 and COMP381	2	2		ODL	4	14	56
COMP388 ♦	Health Care Data Analytics and Cloud Computing	P=COMP254 and COMP381	2	2		НҮВ	4	14	56
EMPS102 �	Employment Skills 2	P=COMM170 or COMM171		2		ODL	2	14	28
								Total	336
Minimum Grade Required: D									
Total Program Hours:									

C = Co-Requisite; P = Pre-Requisite

Notes:

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