

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 ☒ 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:	3515						
Intake:	Fall 2024 and Winter 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 3	Fall 2024 or Winter 2025								
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			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
								Total	308
Semester 4	Winter 2025 or Summer 2025								
COMP212	Programming 3	P=COMP123	2	2			4	14	56
COMP228	Java Programming	P=COMP123	2	2			4	14	56
COMP229	Web Application Development	P=COMP123 and COMP125	2	2			4	14	56
COMP311◆	Software Testing and Quality Assurance	P=COMP123	2	2		HYB	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		HYB	4	14	56
								Total	378
Break	Summer 2025								
Semester 5	Fall 2025								
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
COMP309	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 2026								

C = Co-Requisite; P = Pre-Requisite	
Notes: ♦ This course may be offered in one of the following modalities (Online, Hybrid or Blended)	