

MODEL ROUTE

School:	School of Engineering Technology and Applied Science	Program Number:	3678
Program Title:	Health Informatics Technology, Fast Track	Credential:	<input type="checkbox"/> Certificate <input type="checkbox"/> Graduate Certificate <input type="checkbox"/> Degree <input type="checkbox"/> Diploma <input checked="" type="checkbox"/> Advanced Diploma
Program Delivery Mode:	<input type="checkbox"/> Co-Op <input checked="" type="checkbox"/> Online <input checked="" 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:	ONLINE		
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 3	Fall 2020 or Winter 2021								
COMM170/171	College Communications 2	P=COMM160/161		3		ODL	3	14	42
COMP123	Programming 2	P=COMP100	2	2		ODL	4	14	56
COMP214	Advanced Database Concepts	P=COMP122	2	2		ODL	4	14	56
COMP246	Object Oriented Software Engineering	P=COMP123, COMP225	2	2		ODL	4	14	56
COMP381	Tools, Algorithms and Methods for HCIS	C=COMP214; P=COMP123	2	2		ODL	4	14	56
GNE500	Global Citizenship: from Social Analysis to Social Action			3		ODL	3	14	42
								Total	308
Semester 4	Winter 2021 or Summer 2021								
COMP212	Programming 3	P=COMP123	2	2		ODL	4	14	56
COMP228	Java Programming	P=COMP123	2	2		ODL	4	14	56
COMP229	Web Application Development	P=COMP123, COMP125	2	2		ODL	4	14	56
COMP311	Software Testing and Quality Assurance	P=COMP123	2	2		ODL	4	14	56
COMP380	Structure of HCIS	P=COMP120	2	2		ODL	4	14	56
ENGL253	Advanced Business Communications	P=COMM170/171		3		ODL	3	14	42
MATH210	Linear Algebra and Statistics	P=MATH175, MATH185	2	2		ODL	4	14	56
								Total	378
Break (Summer 2021)									
Semester 5	Fall 2021								
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		ODL	4	14	56
COMP309	Data Warehousing and Predictive Analytics	P=COMP214	2	2		ODL	4	14	56
COMP383	Data Security and Privacy Policies in HCIS	P=COMP380	2	2		ODL	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
GNE5	General Education Elective			3		ODL	3	14	42
								Total	364
Semester 6	Winter 2022								

CNET307	IT Project Management	P=COMM170 or COMM171, and, CNET229 or COMP246	1	2		ODL		3	14	42
COMP216	Networking for Software Developers	P=COMP100	2	2		ODL		4	14	56
COMP254	Data Structures and Algorithms	P=COMP228	2	2		ODL		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 COMP381, or, COMP303 and COMP306, or, COMP305 and COMP391	2	2		ODL		4	14	56
COMP321	Systems Integration	P=COMP246 and ENGL253	2	2		ODL		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:	1386

C = Co-Requisite; P = Pre-Requisite

Notes:

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