

MODEL ROUTE

School:	School of Engineering Technology and Applied Science	Program Number:	3279
Program Title:	Internet of Things: System Architecture and Integration	Credential:	<input type="checkbox"/> Certificate <input checked="" type="checkbox"/> Graduate Certificate <input type="checkbox"/> Degree <input type="checkbox"/> Diploma <input type="checkbox"/> Advanced Diploma <input type="checkbox"/> Centennial College Certificate
Program Delivery Mode:	<input type="checkbox"/> Co-Op <input checked="" type="checkbox"/> Online <input type="checkbox"/> Fast Track <input type="checkbox"/> Hybrid <input checked="" type="checkbox"/> Non Co-op	Duration :	<input type="checkbox"/> 1 Semesters <input type="checkbox"/> 4 Semesters <input type="checkbox"/> 2 Semesters <input type="checkbox"/> 6 Semesters <input checked="" type="checkbox"/> 3 Semesters <input type="checkbox"/> 8 Semesters
Campus:	ONLINE	Department Code:	3613
Intake:	Winter 2022		

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 Winter 2022									
IOTH701	Introduction to IoT		2	0		ODL	2	14	28
IOTH702	IoT Electronic Circuits and Devices		4	2		ODL	6	14	84
IOTH703	Programming for IoT		2	2		ODL	4	14	56
IOTH704	IoT Infrastructure		2	2		ODL	4	14	56
IOTH705	Cloud IoT Platforms		2	2		ODL	4	14	56
								Total	280
Semester 2 Summer 2022									
IOTH721	Advanced IoT Programming	P=IOTH703	2	2		ODL	4	14	56
IOTH722	Introduction to AI	P=IOTH703	2	2		ODL	4	14	56
IOTH723	Big Data in the IoT	P=IOTH703	2	2		ODL	4	14	56
IOTH724	IoT Security	P=IOTH703 and IOTH704	2	2		ODL	4	14	56
IOTH725	IoT Capstone Project 1	P=IOTH701 and IOTH702 and IOTH703 and IOTH704 and IOTH705	2	2		ODL	4	14	56
								Total	280
Semester 3 Fall 2022									
IOTH731	Application of AI to IoT	P=IOTH722	2	1		ODL	3	14	42
IOTH732	Storage and Virtualization	P=IOTH704 and IOTH705	2	1		ODL	3	14	42
IOTH733	Connectivity and Mobility	P=IOTH704 and IOTH705	2	1		ODL	3	14	42
IOTH734	System Integration	P=IOTH721 and IOTH722 and IOTH723 and IOTH724 and IOTH725	2	1		ODL	3	14	42
IOTH735	IoT Capstone Project 2	P=IOTH725	6	2		ODL	8	14	112
								Total	280
Minimum Grade Required: D									
								Total Program Hours:	840

C = Co-Requisite; P = Pre-Requisite

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