

WIRELESS NETWORKING - POSTGRADUATE (T411) 2020-2021 PATHWAY			
Semester 1: Fall 2020 or Winter 2021 (2020-01/02)			
Course Code	Course Title	Pre-Requisite	Hrs/wk
COMP 1153	Introduction to RF/Wireless Communications Principles		4
COMP 1154	Networking Technologies Fundamentals		4
COMP 1156	Introduction to Unix		3
COMP 1201	Wireless Networking Service and Applications		4
COMP 1205	IT Best Practices		3
COMP 1219	Data Communications Fundamentals		4
Total Hours			22
Semester 2: Winter 2021 or Summer 2021 (2020-02/03)			
Course Code	Course Title	Pre-Requisite	Hrs/wk
COMP 1159	Introduction to Voice Network Technology and Techniques		4
COMP 1160	RF/Wireless Techniques	COMP 1153	4
COMP 1161	Security and Advanced Data Network Technology	COMP 1154	4
COMP 1207	Data Centre & Virtualization Tech.	COMP 1154	4
COMP 1208	Server Operating System Technologies	COMP 1219	4
Total Hours			20
Semester 3: Summer 2021 or Fall 2021 (2020-03/2021-01)			
Course Code	Course Title	Pre-Requisite	Hrs/wk
COMP 2105	Advanced Network Analysis	COMP 1161	4
COMP 2106	Advanced Network Management	COMP 1208	3
COMP 4063	Capstone Project		4
PROGRAM ELECTIVE – CHOOSE ONE SET (TWO COURSES PER SET)			
Course Code	Course Title	Pre-Requisite	Hrs/wk
Advanced Network Security			
COMP 1214	Advanced Security Infrastructure & Deployment Technologies	COMP 1161	3
COMP 4074	Securing Wireless and Mobile Network Access		3
Voice Over Internet Protocol			
COMP 2118	VoIP Network Technologies	COMP 1159	3
COMP 2119	VoIP Network Deployment and Maintenance	COMP 1159	3
Long Term Evolution (LTE) and Broadband Technologies			
COMP 2145	4G and 5G Technologies	COMP 1160	3
COMP 2146	LTE Core and IMS Deployment	COMP 1160	3
Total Hours			17
PATHWAY SUBJECT TO CHANGE			