

NETWORK TECHNOLOGY

PROGRAM GUIDE

2016-2017

YEAR I: FIRST SEMESTER

16 FALL

Course #	Course Name	Credits	Semester
CT 101A	Basic Electronics	3	
CT 103B	Basics of Telecommunications	3	
CT 126	Station Installation	2	
CT 136A	Cabling Fundamentals	4	
CT 137	Computer Networking I	2	
CT 181	First Aid, Safety & Defensive Driving	1	
CT 185	CISCO I & Lab	4	
CF 101	Computer Fundamentals and Applications	3	
TOTAL SEMESTER CREDITS		22	

YEAR I: SECOND SEMESTER

17 SPRING

Course #	Course Name	Credits	Semester
CT 131	Digital Carrier, DSL, ADSL	3	
CT 166	CATV, Broadband w/SCTE Certification	2	
CT 171A	Fiber & Laser Fundamentals	2	
CT 199	Internship*	2	
CT 246	CISCO II & Lab	4	
ENGL 110	English Composition I (Required)	3	
TOTAL SEMESTER CREDITS		16	
ENGL 090	Fundamentals of Writing (If Required)	3	
MATH 072	Fundamentals of Math (If Required)	3	

YEAR II: FIRST SEMESTER

17 FALL

Course #	Course Name	Credits	Semester
CT 106B	Introduction to Transmission in Telecom	3	
CT 156	Data Communications & Local Area Networks	3	
CT 216B	SONET	3	
CT 258	CISCO III & Lab	4	
CT 260	IP Networking & VPNs	3	
BEH 105	Human Relations in Life & Work	3	
MATH 105	Technical Math	3	
TOTAL SEMESTER CREDITS		22	

YEAR II: SECOND SEMESTER

18 SPRING

Course #	Course Name	Credits	Semester
CT 162B	VoIP*	3	
CT 222B	Basics of Wireless Communications	3	
CT 223	Advanced Wireless Protocols	4	
CT 270	CISCO IV & Lab*	4	
PSY176	Psychology	3	
TOTAL SEMESTER CREDITS		17	
TOTAL PROGRAM CREDITS		77	

*Advanced Coursework