

COMPUTER SERVICE AND NETWORK TECHNICIAN

Associate of Technical Study Degree

Course No	Course Title	Credit Hours	Qtrs Offered	Pre-Requisites
FIRST QUARTER (Fall) 20 credits				
CIT 1300A	Information Technology Essentials/A+	4	F	OIS1200A or TST ¹
EET 2200B	Digital Circuits I	3	F	None
CIT 1200A	Introduction to Computer Concepts	4	F	None
PHY 1200A	Physics: Mechanics	4	F	MTH1120B or concurrent
PHY 1201A	Physics: Mechanics Lab	1	F	PHY1200A co-requisite
MTH 1120B	Intermediate Algebra	4	F,W,Sp	COMPASS or MTH1110B
SECOND QUARTER (Winter) 18 credits				
MTH 1200A	College Algebra and Trigonometry	5	W, Sp	COMPASS or MTH1120B
PHY 1210A	Physics: Matter and Waves	4	W	MTH1200A or concurrent
PHY 1211A	Physics: Matter and Waves Lab	1	W	PHY1210A co-requisite
TCT 1200A	Intro to Collocation	2	W	None
ENG 1090A	English Composition I	4	All	OIS1240A or concurrent or examination *
EET 2300A	Electrical Machines and Controls	2	F,W	None
THIRD QUARTER (Spring) 21 credits				
EET 1100B	Circuit Analysis I	3	Sp	PHY1220A or concurrent or EET1030A
EET 1101A	Circuit Analysis Lab	1	Sp	EET1100B co-requisite
PHY 1220A	Physics: Electricity & Magnetism	4	Sp	MTH1120B
PHY 1221A	Physics: Electricity & Magnetism Lab	1	Sp	PHY1220A co-requisite
TCT 1300A	Intro to Switching Technology	4	Sp	None
ENG 1160A	Oral Communications	4	All	None
CIT 2610A	Networking Basics - Cisco I	4	Sp	OIS1200A or TST
FOURTH QUARTER (Fall) 17 credits				
ENG 1100A	English Composition II	2	All	ENG1090A
MGT 1400A	Introduction to Management	4	All	None
CIT 2620A	Routers and Routing Basics Cisco II	4	F	CIT2610A
EET 2010B	Electronic Devices and Circuits	3	F	EET1100B
MET 1330A	Computer Aided Drafting (CAD) I	4	F,W	None
FIFTH QUARTER (Winter) 17 credits				
TWR 1100A	Technical Writing	4	W	ENG1090A
EET 2110A	SCADA Systems	3	W	EET2300A or concurrent
CIT 1500A	Supporting a Microsoft Client OS/MCSE I	4	W	None
MET 1060B	Basic Problem Solving	2	W, Sp	None
EET 2030B	Linear Integrated Circuits and Process Control	3	W	EET2010B
MFT 2040A	Quality Management	4	W	None
SIXTH QUARTER (Spring) 14 credits				
EET 2700A	Applied Design Project	2	Sp	Greater than 90 cr hrs
TCT 1750A	Network Structure	4	F, Sp	None
TCT 2100A	Fiber Optics and Splicing	4	Sp	None
EET 2900A	Electric Eng Co-op Experience OR	4	Sp	Greater than 45 cr hrs
EEG 0000	Engineering Elective (4) (EET, MET, MFT, CIT)			See specific course listings
		Credit Hour Total	110	

¹ TST = Technology Skills Test

CGC's: **Com-1**=ENG1100A; **Com-2**=ENG1160A; **Math**= MTH1120B; **IP & PSDM**=EET2700A; **IT**=OIS0000.

* OIS1300A also accepted by Engineering as a pre-requisite for ENG1090A.