

3.7.5 Sample Plan of Study

Sample Plan of Study Telecommunications and Networking Technology (TNT)

Freshmen Year

Semester 1			Semester 2				
Course	Title	Cr.	Pre/ConP	Course	Title	Cr.	Pre/ConP
CNIT 180	Intro to Systems Dev. (TNT Core)	3	PC Literacy	CNIT 155	Intro to Object Oriented Programming (TNT Core)	3	PC Literacy
MA 223	Introductory Analysis I (Mathematics & Science)	3	MAT 110 or MA 158 or ENG Math Placement Test	CNIT 176	Info Tech Architectures (TNT Core)	3	PC Literacy
IT 104	Industrial Organization (Technology)	3		ENGL 106	First-Year Composition (English Lan. & Com.)	4	ENGL 100
TECH 120	Technology & the Individual (Technology)	3		MA 224	Introductory Analysis II (Mathematics & Science)	3	MA 223
ENGL 100	English for Academic Studies (English Lan. & Com.)	3		OLS 252	Human Relations in Organizations (Technology)	3	
Semester Credits = 15				Semester Credits = 16			

Sophomore Year

Semester 3			Semester 4				
Course	Title	Cr.	Pre/ConP	Course	Title	Cr.	Pre/ConP
CNIT 240	Data Comm & Networking (TNT Core)	3	CNIT 176 (C-), Sophomore	CNIT 242	System Administration (TNT Core)	3	CNIT 176 (C-), Sophomore
CNIT 255	Programming for the Internet (TNT Core)	3	CNIT 155 (C-)	CNIT 280	Sys Analysis & Design Methods (TNT Core)	3	CNIT 180 (C-), CNIT 272 (C-)
CNIT 272	Database Fundamentals (TNT Core)	3	CNIT 155 (C-), CNIT 180 (C-)	CNIT 315	Systems Programming (TNT Core)	3	CNIT 255 (C-)
ECET 224	Electronic Systems (Technology)	3		COM 114	Fund. of Speech Communication (English Lan. & Com.)	3	ENGL 100
PHYS 218	General Physics I (Mathematics & Science)	4	MA 223	GEE	General Education Elective (refer to course catalogue)	3	
Semester Credits = 16				Semester Credits = 15			

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Junior Year

Semester 1				Semester 2			
Course	Title	Cr.	Pre/ConP	Course	Title	Cr.	Pre/ConP
CNIT 340	UNIX Administration (TNT Core)	3	CNIT 242 (C-)	CNIT 342	Adv Syst & Network Adm (TNT Core)	3	CNIT 340 (C-)
CNIT 345	Internetwork Design & Implem (TNT Core)	3	CNIT 240 (C-), CNIT 242 (C-)	CNIT 346	Wireless Networks (TNT Core)	3	CNIT 240 (C-), CNIT 242 (C-)
TECH 320	Technology & the Organization (Technology)	2	TECH 120	ENGL 420	Business Writing (English Lan. & Com.)	3	ENGL 106
PHYS 219	General Physics II (Mathematics & Science)	4	PHYS 218	TECH 330	Technology & the Global Society (Technology)	3	TECH 120
SS	Statistics Selective (STAT 225 or STAT 301*)	3	for both: MA 224	ECET 374	Digital Telecommunications (Technology)	4	ECET 224, CNIT 240 (C-), MA 224, STAT 225 or STAT 301, PHYS 219 or PHYS 221
GEE	General Education Elective (refer to course catalogue)	1					
Semester Credits = 16				Semester Credits = 16			

Senior Year

Semester 3				Semester 4			
Course	Title	Cr.	Pre/ConP	Course	Title	Cr.	Pre/ConP
ISS1	Information Systems Selective (recommended: CNIT 399*)	3	for CNIT 399: Senior	ISS2	Information Systems Selective (recommended: CNIT 499*)	3	for CNIT 499: CNIT 399 (C-)
CNIT 455	Network Security (TNT Core)	3	CNIT 342 (C-), CNIT 345 (C-)	CNIT 480	Managing Info Tech Projects (TNT Core)	3	CNIT 280 (C-), Senior
NS1	Net Selective (for example: CNIT 445*)	3	for CNIT 445: CNIT 345 (C-)	NS2	Net Selective (for example: CNIT 446*)	3	for CNIT 446: CNIT 346 (C-)
BES1	Business and Economics Selective (for example: BUS 250*)	3	for BUS 250: ENGL 100	BES2	Business and Economics Selective (for example: ECON 210 or ECON 252*)	3	for ECON 210: no Pre; for ECON 252: ENGL 106, Sophomore
GEE	General Education Elective (refer to course catalogue)	3		GEE	General Education Elective (refer to course catalogue)	3	
Semester Credits = 15				Semester Credits = 15			

Total Minimum Credits Required for Graduation = 124

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