

Name:	
UID:	
Date:	

Bachelor of Science in Telecommunications and Networking Technology (TNT)

3.7.3 Worksheet

TNT Requirements (87 credits)

Technology Requirements (21 credits)

	<u>Course Code</u>	<u>Course Title</u>	<u>CR</u>	<u>Pre-Req, ConP</u>	<u>Other Information</u>	<u>Semester</u>	<u>Comments</u>
<input type="checkbox"/>	IT 104	Industrial Organization	3	-			
<input type="checkbox"/>	TECH 120	Technology and the Individual	3	-			
<input type="checkbox"/>	OLS 252	Human Relations in Organizations	3	-			
<input type="checkbox"/>	TECH 320	Technology and the Organization	2	TECH 120			
<input type="checkbox"/>	TECH 330	Technology and the Global Society	3	TECH 120			
<input type="checkbox"/>	ECET 224	Electronic Systems	3	-			
<input type="checkbox"/>	ECET 374	Digital Telecommunications	4	ECET 224, CNIT 240 (C-), MA 224, (STAT 225 or STAT 301), (PHYS 219 or PHYS 221)			

Technology Credits Planned: _____
 Technology Credits Completed: _____
 Technology Credits Remaining: _____

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TNT Core Requirements (45 credits)

<u>Course Code</u>	<u>Course Title</u>	<u>CR</u>	<u>Pre-Req, ConP</u>	<u>Other Information</u>	<u>Semester</u>	<u>Comments</u>
<input type="checkbox"/> CNIT 180	Introduction to Systems Development	3	PC Literacy			
<input type="checkbox"/> CNIT 155	Introduction to Object-Oriented Programming	3	PC Literacy			
<input type="checkbox"/> CNIT 176	Information Technology Architecture	3	PC Literacy			
<input type="checkbox"/> CNIT 240	Data Communication and Networking	3	CNIT 176 (C-), SPH			
<input type="checkbox"/> CNIT 255	Programming for the Internet	3	CNIT 155 (C-)			
<input type="checkbox"/> CNIT 272	Database Fundamentals	3	CNIT 155 (C-), CNIT 180 (C-)			
<input type="checkbox"/> CNIT 242	System Administration	3	CNIT 176 (C-), SPH			
<input type="checkbox"/> CNIT 280	Systems Analysis and Design methods	3	CNIT 180 (C-), CNIT 272 (C-)			
<input type="checkbox"/> CNIT 315	Systems Programming	3	CNIT 255 (C-)			
<input type="checkbox"/> CNIT 340	UNIX Administration	3	CNIT 242 (C-)			
<input type="checkbox"/> CNIT 342	Advanced Systems and Network Administration	3	CNIT 340 (C-)			
<input type="checkbox"/> CNIT 345	Internetwork Design and Implementation	3	CNIT 240 (C-), CNIT 242 (C-)			
<input type="checkbox"/> CNIT 346	Wireless Networks	3	CNIT 240 (C-), CNIT 242 (C-)			
<input type="checkbox"/> CNIT 455	Network Security	3	CNIT 342 (C-), CNIT 345 (C-)			
<input type="checkbox"/> CNIT 480	Managing Information Technology Projects	3	CNIT 280 (C-), Senior			

TNT Core Credits Planned: _____

TNT Core Credits Complete: _____

TNT Core Credits Remaining: _____

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Information Systems Selective Requirements – ISS (6 credits):

- Any non-required 300 level or higher CNIT course;
- Courses taken as NET selective will not be counted towards the IS Selective.

<u>Course Code</u>	<u>Course Title</u>	<u>CR</u>	<u>Pre-Req, ConP</u>	<u>Other Information</u>	<u>Semester</u>	<u>Comments</u>
<input type="checkbox"/>						
<input type="checkbox"/>						
<input type="checkbox"/>						

Information Systems Elect. Credits Planned: _____

Information Systems Elect. Credits Completed: _____

Information Systems Elect. Credits Remaining: _____

Net Selective Requirement (6 credits)

<u>Course Code</u>	<u>Course Title</u>	<u>CR</u>	<u>Pre-Req, ConP</u>	<u>Other Information</u>	<u>Semester</u>	<u>Comments</u>
<input type="checkbox"/>	CNIT 420	3	Senior			
<input type="checkbox"/>	CNIT 435	3	CNIT 345 (C-)			
<input type="checkbox"/>	CNIT 445	3	CNIT 345 (C-)			
<input type="checkbox"/>	CNIT 446	3	CNIT 346 (C-)			
<input type="checkbox"/>	CNIT 456	3	CNIT 346 (C-), CNIT 340 (C-)			
<input type="checkbox"/>	CNIT 460	3	CNIT 340 (C-)			
<input type="checkbox"/>	CNIT 461	3	CNIT 340 (C-)			

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<input type="checkbox"/>	CNIT 556	Basic Computer Forensics	3	CNIT 455 (C-), Senior			
<input type="checkbox"/>	IT 345	Automatic Identification and Data Capture	3	Junior			
<input type="checkbox"/>	CNIT 399	Topics In Computer and Information Technology - Graduation Project I	3	Senior			Recommended; Can be between 1 to 4 credits
<input type="checkbox"/>	CNIT 499	Topics In Computer and Information Technology - Graduation Project II	3	CNIT 399 (C-)			Recommended; Can be between 1 to 3 credits
<input type="checkbox"/>	CNIT 581	Workshop In Computer Technology	3	Depends on dept. announcement upon offering the course in certain semester			

NET Elective Credits Planned: _____
NET Elective Credits Complete: _____
NET Elective Credits Remaining: _____

Required Selectives (9 credits)

Statistics Selective (3 credit hours):

	<u>Course Code</u>	<u>Course Title</u>	<u>CR</u>	<u>Pre-Req, ConP</u>	<u>Other Information</u>	<u>Semester</u>	<u>Comments</u>
<input type="checkbox"/>	STAT 225	Introduction To Probability Models	3	MA 224			
<input type="checkbox"/>	STAT 301	Elementary Statistical Methods	3	MA 224			

Business and Economic Selective (6 credits): Select any two courses, except as indicated with "or": these courses are equivalent. Courses are subject to availability. The Electives may be replaced by a planned alternate sequence of Interdisciplinary selectives which reflect a subject of interest to which computing can be applied with Department's approval

Finance

	<u>Course Code</u>	<u>Course Title</u>	<u>CR</u>	<u>Pre-Req, ConP</u>	<u>Other Information</u>	<u>Semester</u>	<u>Comments</u>
<input type="checkbox"/>	FIN 300	Managerial Finance	3	ACT 300, Sophomore			

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Accounting (cannot take both ACT 200 and ACT 300)

	<u>Course Code</u>	<u>Course Title</u>	<u>CR</u>	<u>Pre-Req, ConP</u>	<u>Other Information</u>	<u>Semester</u>	<u>Comments</u>
<input type="checkbox"/>	ACT 300	Financial Accounting	3	MAT 150 or MAT 200 or MA 223			
<input type="checkbox"/>	ACT 200	Introductory Accounting for Non-Business majors	3	MAT 150 or MA 223 or MA 165			
<input type="checkbox"/>	ACT 310	Managerial Accounting	3	ACT 300			

Business Law

	<u>Course Code</u>	<u>Course Title</u>	<u>CR</u>	<u>Pre-Req, ConP</u>	<u>Other Information</u>	<u>Semester</u>	<u>Comments</u>
<input type="checkbox"/>	BUS 220	Business Law and Ethics	3	BUS 250			

Organizational Management, Behavior and Human Resources (OBHR)

	<u>Course Code</u>	<u>Course Title</u>	<u>CR</u>	<u>Pre-Req, ConP</u>	<u>Other Information</u>	<u>Semester</u>	<u>Comments</u>
<input type="checkbox"/>	BUS 250	Business Organization and Management	3	ENGL 100			
<input type="checkbox"/>	ENTR 200	Introduction To Entrepreneurship and Innovation	3	-			
<input type="checkbox"/>	ENTR 310	Marketing and Management for New Ventures	3	ENTR 200			
<input type="checkbox"/>	HRM 300	Organizational Behavior	3	BUS 250, Sophomore			
<input type="checkbox"/>	HRM 340	Human Resource Management	3	HRM 300			

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Economics

<u>Course Code</u>	<u>Course Title</u>	<u>CR</u>	<u>Pre-Req, ConP</u>	<u>Other Information</u>	<u>Semester</u>	<u>Comments</u>
<input type="checkbox"/> ECON 210	Principles of Economics	3	-			
<input type="checkbox"/> ECON 251	Microeconomics	3	Passing Math Placement test or MAT 110 or MA 158 or MAT 100			
<input type="checkbox"/> ECON 252	Macroeconomics	3	ENGL 106, Sophomore			

Required Electives Credits Planned: _____
 Required Electives Credits Completed: _____
 Required Electives Credits Remaining: _____

Mathematics and Science Requirement (14 credits)

<u>Course Code</u>	<u>Course Title</u>	<u>CR</u>	<u>Pre-Req, ConP</u>	<u>Other Information</u>	<u>Semester</u>	<u>Comments</u>
<input type="checkbox"/> MA 223	Introductory Analysis I	3	Passing Math Placement test or MAT 110 or MA 158			
<input type="checkbox"/> MA 224	Introductory Analysis II	3	MA 223			

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Physics Selective I (4 credit hours):

<u>Course Code</u>	<u>Course Title</u>	<u>CR</u>	<u>Pre-Req. ConP</u>	<u>Other Information</u>	<u>Semester</u>	<u>Comments</u>
<input type="checkbox"/> PHYS 218	General Physics I	4	MA 223			
<input type="checkbox"/> PHYS 220	General Physics I	4	MA 223			

Physics Selective II (4 credit hours):

<u>Course Code</u>	<u>Course Title</u>	<u>CR</u>	<u>Pre-Req. ConP</u>	<u>Other Information</u>	<u>Semester</u>	<u>Comments</u>
<input type="checkbox"/> PHYS 219	General Physics II	4	PHYS 218			
<input type="checkbox"/> PHYS 221	General Physics II	4	PHYS 220			

Mathematics and Science Credits Planned: _____
 Mathematics and Science Credits Completed: _____
 Mathematics and Science Credits Remaining: _____

Liberal Arts Requirement (23 credits)

English Language and Communication Skills (13 credits)

<u>Course Code</u>	<u>Course Title</u>	<u>CR</u>	<u>Pre-Req. ConP</u>	<u>Other Information</u>	<u>Semester</u>	<u>Comments</u>
<input type="checkbox"/> ENGL 100	English for Academic Studies	3	-			
<input type="checkbox"/> ENGL 106	First-Year Composition	4	ENGL 100			
<input type="checkbox"/> COM 114	Fundamentals of Speech Communication	3	ENGL 100			
<input type="checkbox"/> ENGL 420	Business Writing	3	ENGL 106			
OR						
<input type="checkbox"/> ENGL 421	Technical Writing	3	ENGL 106			

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General Education Electives (10 credits)

<u>Course Code</u>	<u>Course Title</u>	<u>CR</u>	<u>Pre-Req., ConP</u>	<u>Other Information</u>	<u>Semester</u>	<u>Comments</u>
<input type="checkbox"/>						
<input type="checkbox"/>						
<input type="checkbox"/>						
<input type="checkbox"/>						
<input type="checkbox"/>						

Liberal Arts Credits Planned: _____

Liberal Arts Credits Completed: _____

Liberal Arts Credits Remaining: _____

Minimum Total Credits Required for Degree: 124

Total Credits Planned: _____

Total Credits Completed: _____

Total Credits Remaining: _____