

7.3 Work Sheet

Diploma Degree in Computer Network Systems (66 Credit Hours) - Work Sheet

Technology Core Requirements (33-34 credits)

	<u>Course Code</u>	<u>Course Title</u>	<u>CR</u>	<u>Contact Hours</u>		<u>Pre-Req, ConP</u>	<u>Other Information</u>	<u>Term</u>	<u>Comments</u>
				<u>Classroom</u>	<u>Lab</u>				
Introduction to Technology (3 credits):									
<input type="checkbox"/>	ICT 100	Introduction to IT and Computing Essentials	3	1	2	none			
or									
<input type="checkbox"/>	TECH 120	Design Thinking in Technology	3	0	3	none			
Computer Programming (6 credits):									
<input type="checkbox"/>	CNS 155	Intro to Object Oriented Programming	3	2	2	Pre: ICT 100 or TECH 120			
or									
<input type="checkbox"/>	CNS 156	Introduction to Software Development Concepts	3	2	2	none			
and									
<input type="checkbox"/>	CNS 255	Object Oriented Programming Introduction	3	2	2	Pre: CNS 155 or CNS 156			
or									
<input type="checkbox"/>	CNS 295	Object Oriented Programming	3	2	2	Pre: CNS 155 or CNS 156			
Information Technology Architecture (3 credits):									
<input type="checkbox"/>	CNS 176	Information Technology Architectures	3	3	0	none			
System Analysis and Design (6 credits):									
<input type="checkbox"/>	CNS 180	Introduction to Systems Development	3	2	2	none			

<input type="checkbox"/>	CNS 280	Systems Analysis and Design Methods	3	2	2	Pre: CNS 180 , CNS 272			
System Administration (3credits):									
<input type="checkbox"/>	CNS 242	System Administration	3	2	2	Pre: CNS 176			
Databases (3 credits):									
<input type="checkbox"/>	CNS 272	Database Fundamentals	3	2	2	Pre: CNS 180, CNS 155 or CNS 156			
Networking and Communication (6 – 7 credits):									
<input type="checkbox"/>	CNS 240	Data Com. and Networking	3	2	2	Pre: CNS 176			
and									
<input type="checkbox"/>	CNS 260	Wireless Networks Fundamentals	3	2	2	Pre: CNS 240			
or									
<input type="checkbox"/>	CNS 346	Wireless Networks	4	2	3	Pre: CNS 240 , CNS 242			
Information System Selective (3 credits):									
<input type="checkbox"/>	CNS 261	Wireless Security and Management	3	2	2	Pre: CNS 260			
or									
<input type="checkbox"/>	CNS 340	UNIX Administration	3	2	2	Pre: CNS 242			

Technology Credits Planned : _____

Credits Completed: _____

Credits Remaining: _____

Mathematics Requirements (6 Credits):

	<u>Course Code</u>	<u>Course Title</u>	<u>CR</u>	<u>Contact Hours</u>		<u>Pre-Req, ConP</u>	<u>Other Information</u>	<u>Term</u>	<u>Comments</u>
				<u>Classroom</u>	<u>Lab</u>				
<input type="checkbox"/>	MAT 100	Introduction to Mathematics	3	3	0	Placement Test			
and									
<input type="checkbox"/>	MAT 150	Mathematics for Business	3	3	0	Pre: MAT 100			
or									
<input type="checkbox"/>	MA 130	Applied Algebra and Trigonometry	3	3	1	Placement Test			
and									
<input type="checkbox"/>	MA 161	Applied Calculus I	3	3	0	Pre: MA 130			

Mathematics Credits Planned : _____

Credits Completed: _____

Credits Remaining: _____

Science Selective (3-4 Credits):

	<u>Course Code</u>	<u>Course Title</u>	<u>CR</u>	<u>Contact Hours</u>		<u>Pre-Req, ConP</u>	<u>Other Information</u>	<u>Term</u>	<u>Comments</u>
				<u>Classroom</u>	<u>Lab</u>				
<input type="checkbox"/>	STA 100	Introduction to Statistical Methods	3	2	2	Pre: MAT 150 or MA 161			
or									
<input type="checkbox"/>	PHYS 218	General Physics	4	3	2	Pre: MA 159 with C- or better or MAT 125 MA 175 or MA 161			

Science Credits Planned: _____

Science Credits Completed: _____

Science Credits Remaining: _____

Interdisciplinary Selective Requirements (3 Credits):

	<u>Course Code</u>	<u>Course Title</u>	<u>CR</u>	<u>Contact Hours</u>		<u>Pre-Req, ConP</u>	<u>Other Information</u>	<u>Term</u>	<u>Comments</u>
				<u>Classroom</u>	<u>Lab</u>				
<input type="checkbox"/>	MAT 175	Calculus	3	3	0	Pre: MAT 150			
or									
<input type="checkbox"/>	ECET 224	Electronic Systems	3	2	3	none			

Inter. Sel. Credits Planned: _____

Inter. Sel. Credits Completed: _____

Inter. Sel. Credits Remaining: _____

Business Selective (3-6 credits)

	<u>Course Code</u>	<u>Course Title</u>	<u>CR</u>	<u>Contact Hours</u>		<u>Pre-Req, ConP</u>	<u>Other Information</u>	<u>Term</u>	<u>Comments</u>
				<u>Classroom</u>	<u>Lab</u>				
<input type="checkbox"/>	BUS 250	Business Organization & Management	3	3	0	Pre: ENGL 100			
<input type="checkbox"/>	CNS 200	Career Planning for CNS/IT	3	3	0	Pre: Sophomore			
<input type="checkbox"/>	ACT 150	Introduction to Accounting for non-Business Majors	3	3	0	Pre: MAT 150 or MA 130			Students who took ACT 200 cannot take ACT 150.

Business Credits Planned: _____

Business Credits Completed: _____

Business Credits Remaining: _____

Liberal Arts Requirements (13-17 credits)

English Language and Communication Skills (9 credits)

	<u>Course Code</u>	<u>Course Title</u>	<u>CR</u>	<u>Contact Hours</u>		<u>Pre-Req, ConP</u>	<u>Other Information</u>	<u>Term</u>	<u>Comments</u>
				<u>Classroom</u>	<u>Lab</u>				
<input type="checkbox"/>	ENGL 100	English for Academic Studies	3	3	0				
<input type="checkbox"/>	ENGL 106	English Composition	3	4	0	Pre: ENGL 100			
<input type="checkbox"/>	COM 114	Speech Communication	3	3	0	Pre: ENGL 100			

English Language Credits Planned: _____ English Language Credits Completed: _____ English Language Credits Remaining: _____

General Education Requirement (4-8 credits)

Sample GEE courses selection

	<u>Course Code</u>	<u>Course Title</u>	<u>CR</u>	<u>Contact Hours</u>		<u>Pre-Req, ConP</u>	<u>Other Information</u>	<u>Term</u>	<u>Comments</u>
				<u>Classroom</u>	<u>Lab</u>				
<input type="checkbox"/>	INT 200	Internship	0			Pre: Sophomore	Professional Elective		
<input type="checkbox"/>	AD 113	Basic Drawing	3	0	3				
<input type="checkbox"/>									

General Ed. and Prof. Electives Credits Planned: _____ Credits Completed: _____ Credits Remaining: _____

Total Credits Required for Degree: 66 Total Credits Planned: _____ Total Credits Completed: _____ Total Credits Remaining: _____