

## Work Sheet - Computer Network Systems

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

#### Minimum Technology Core Requirements (34 credits)

<u>Course Code</u>	<u>Course Title</u>	<u>CR</u>	<u>Pre-Req, ConP</u>	<u>Other Information</u>	<u>Term</u>	<u>Comments</u>
<b>Introduction to Technology (3 credits):</b>						
<input type="checkbox"/>	<b>TECH 120</b> Design Thinking in Technology	3	None			
<b>Computer Programming (6 credits):</b>						
<input type="checkbox"/>	<b>CNS 156</b> Introduction to Software Development Concepts	3	None			
<input type="checkbox"/>	<b>CNS 255</b> Object Oriented Programming Introduction	3	Pre: CNS 156			
<b>Information Technology Architecture (3 credits):</b>						
<input type="checkbox"/>	<b>CNS 176</b> Information Technology Architecture	3	None			
<b>System Analysis and Design (6 credits):</b>						
<input type="checkbox"/>	<b>CNS 180</b> Introduction to Systems Development	3	None			
<input type="checkbox"/>	<b>CNS 280</b> Systems Analysis and Design	3	Pre: CNS 272			
<b>System Administration (3credits):</b>						
<input type="checkbox"/>	<b>CNS 242</b> System Administration	3	Pre: CNS 176			
<b>Databases (3 credits):</b>						
<input type="checkbox"/>	<b>CNS 272</b> Database Fundamentals	3	Pre: CNS 180, CNS 156			
<b>Networking and Communication ( 7 credits):</b>						
<input type="checkbox"/>	<b>CNS 240</b> Data Communications & Networking	3	Pre: CNS 176			
<input type="checkbox"/>	<b>CNS 346</b> Wireless Networks	4	Pre: CNS 240 , CNS 242			
<b>Information System Selective (3 credits):</b>						
<input type="checkbox"/>	<b>CNS 340</b> UNIX Administration	3	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>Pre-Req, ConP</u>	<u>Other Information</u>	<u>Term</u>	<u>Comments</u>
<input type="checkbox"/>	<b>MA 130</b>	Applied Algebra and Trigonometry	3	None			
<input type="checkbox"/>	<b>MA 161</b>	Applied Calculus I	3	Pre: MA 130			

Mathematics Credits Planned : \_\_\_\_\_ Credits Completed: \_\_\_\_\_ Credits Remaining: \_\_\_\_\_

**Science Selective (4 Credits):**

	<u>Course Code</u>	<u>Course Title</u>	<u>CR</u>	<u>Pre-Req, ConP</u>	<u>Other Information</u>	<u>Term</u>	<u>Comments</u>
<input type="checkbox"/>	<b>PHYS 218</b>	Modern Mechanics	4	Pre: MA 161 or MA 223 or ConP: MA 165			

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>Pre-Req, ConP</u>	<u>Other Information</u>	<u>Term</u>	<u>Comments</u>
<input type="checkbox"/>	<b>ECET 224</b>	Electronic Systems	3	None			

Inter. Sel. Credits Planned: \_\_\_\_\_ Inter. Sel. Credits Completed: \_\_\_\_\_ Inter. Sel. Credits Remaining: \_\_\_\_\_

**Business Selective (3credits)**

	<u>Course Code</u>	<u>Course Title</u>	<u>CR</u>	<u>Pre-Req, ConP</u>	<u>Other Information</u>	<u>Term</u>	<u>Comments</u>
<input type="checkbox"/>	<b>BUS 250</b>	Business Organization and Management	3	Pre: ENGL 100			
<input type="checkbox"/>	<b>CNS 200</b>	Career Strategies for CNS/IT	3	Pre: Sophomore			
<input type="checkbox"/>	<b>ACT 150</b>	Introductory Accounting for non-Business Majors	3	Pre: MA 130 or ConP: MA 223			Students who took ACT 200 cannot take ACT 150.

Business Credits Planned: \_\_\_\_\_ Business Credits Completed: \_\_\_\_\_ Business Credits Remaining: \_\_\_\_\_

## Liberal Arts Requirements (16 credits)

### English Language and Communication Skills (9credits)

	<u>Course Code</u>	<u>Course Title</u>	<u>CR</u>	<u>Pre-Req, ConP</u>	<u>Other Information</u>	<u>Term</u>	<u>Comments</u>
<input type="checkbox"/>	<b>ENGL 100</b>	English for Academic Studies	3	None			
<input type="checkbox"/>	<b>COM 114</b>	Fundamentals of Speech Communication	3	Pre: ENGL 100			
<input type="checkbox"/>	<b>ENGL 106</b>	English Composition	3	Pre: ENGL 100			

English Language Credits Planned: \_\_\_\_\_ English Language Credits Completed: \_\_\_\_\_ English Language Credits Remaining: \_\_\_\_\_

### General Education Requirement (7 credits)

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