

## 8.3 Work Sheet

### Diploma Degree in Information Technology (66 Credit Hours) - Work Sheet

#### Technology Core Requirements (30-31 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>				
<b>Introduction to Technology (3 credits):</b>									
<input type="checkbox"/>	<b>ICT 100</b>	Introduction to IT and Computing Essentials	3	1	2	none			
<b>or</b>									
<input type="checkbox"/>	<b>TECH 120</b>	Design Thinking in Technology	3	0	3	none			
<b>Computer Programming (6 credits):</b>									
<input type="checkbox"/>	<b>CNS 155</b>	Intro to Object Oriented Programming	3	2	2	Pre: ICT 100 or TECH 120			
<b>or</b>									
<input type="checkbox"/>	<b>CNS 156</b>	Introduction to Software Development Concepts	3	2	2	none			
<b>and</b>									
<input type="checkbox"/>	<b>CNS 255</b>	Object Oriented Programming Introduction	3	2	2	Pre: CNS 155 or CNS 156			
<b>or</b>									
<input type="checkbox"/>	<b>CNS 295</b>	Object Oriented Programming	3	2	2	Pre: CNS 155 or CNS 156			
<b>Information Technology Architecture (3 credits):</b>									
<input type="checkbox"/>	<b>CNS 176</b>	Information Technology Architecture	3	3	0				
<b>System Analysis and Design (6 credits):</b>									
<input type="checkbox"/>	<b>CNS 180</b>	Introduction to Systems Development	3	2	2				
<input type="checkbox"/>	<b>CNS 280</b>	Systems Analysis and Design Methods	3	2	2	Pre: CNS 180 , CNS 272			

<b>System Administration (3 credits):</b>									
<input type="checkbox"/>	<b>CNS 242</b>	System Administration	3	2	2	Pre: CNS 176			
<b>Databases (3credits):</b>									
<input type="checkbox"/>	<b>CNS 272</b>	Database Fundamentals	3	2	2	Pre: CNS 180, CNS 155 or CNS 156			
<b>Networking and Communication (3 credits):</b>									
<input type="checkbox"/>	<b>CNS 240</b>	Data Com. and Networking	3	2	2	Pre: CNS 176			
<b>Information System Selective (3-4 credits):</b>									
<input type="checkbox"/>	<b>CNS 346</b>	Wireless Networks	4	2	3	Pre: CNS 240 , CNS 242			
<b>or</b>									
<input type="checkbox"/>	<b>CNIT 255</b>	Internet Programming	3	2	2	Pre: CNS 155 or CNS 156			

Technology Credits Planned: \_\_\_\_\_ Technology Credits Completed: \_\_\_\_\_ Technology 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"/>	<b>MAT 100</b>	Introduction to Mathematics	3	3	0	Placement Test			
<b>and</b>									
<input type="checkbox"/>	<b>MAT 150</b>	Mathematics for Business	3	3	0	Pre: MAT 100			
<b>or</b>									
<input type="checkbox"/>	<b>MA 130</b>	Applied Algebra and Trigonometry	3	1	3	Placement Test			
<b>and</b>									
<input type="checkbox"/>	<b>MA 161</b>	Applied Calculus I	3	3	0	Pre: MA 130			

Mathematics Credits Planned: \_\_\_\_\_ Mathematics Credits Completed: \_\_\_\_\_ Mathematics 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"/>	<b>STA 100</b>	Introduction to Statistical Methods	3	2	2	Pre: MAT 150 or MA 161			
<b>or</b>									
<input type="checkbox"/>	<b>PHYS 218</b>	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			
<b>or</b>									
<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 (6-9 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"/>	<b>ACT 150</b>	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.
<input type="checkbox"/>	<b>ACT 200</b>	Financial Accounting	3	3	0	Pre: MAT 100 or ConP: MA 161			Students who took ACT 150 cannot take ACT 200
<input type="checkbox"/>	<b>BUS 250</b>	Introduction to Mathematics	3	3	0	Pre: ENGL 100			
<input type="checkbox"/>	<b>CNS 200</b>	Career Planning for CNS/IT	3	3	0	Pre: Sophomore			
<input type="checkbox"/>	<b>OLS 252</b>	Human Relations in Organizations	3	3	0	Pre: ENGL 106			

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"/>	AD 113	Basic Drawing	3	0	3				
<input type="checkbox"/>	INT 200	Internship	0			Pre: Sophomore	Professional Elective		
<input type="checkbox"/>									

General Ed. Credits Planned: \_\_\_\_\_

General Ed. Credits Completed: \_\_\_\_\_

General Ed. Credits Remaining: \_\_\_\_\_

**Total Credits Required for Degree: 66**    **Total Credits Planned: \_\_\_\_\_**    **Total Credits Completed: \_\_\_\_\_**    **Total Credits Remaining: \_\_\_\_\_**