

Work Sheet - Information Technology

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

Minimum Technology Core Requirements (30-31 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>
Introduction to Technology (3 credits):							
<input type="checkbox"/>	TECH 120	Design Thinking in Technology	3	None			
Computer Programming (6 credits):							
<input type="checkbox"/>	CNS 156	Introduction to Software Development Concepts	3	None			
and							
<input type="checkbox"/>	CNS 255	Object Oriented Programming Introduction	3	Pre: CNS 156			
Information Technology Architecture (3 credits):							
<input type="checkbox"/>	CNS 176	Information Technology Architecture	3	None			
System Analysis and Design (6 credits):							
<input type="checkbox"/>	CNS 180	Introduction to Systems Development	3	None			
<input type="checkbox"/>	CNS 280	Systems Analysis and Design	3	Pre: CNS 272			
System Administration (3 credits):							
<input type="checkbox"/>	CNS 242	System Administration	3	Pre: CNS 176			
Databases (3credits):							
<input type="checkbox"/>	CNS 272	Database Fundamentals	3	Pre: CNS 180, CNS 156			
Networking and Communication (3 credits):							
<input type="checkbox"/>	CNS 240	Data Communications & Networking	3	Pre: CNS 176			
Information System Selective (3-4 credits):							
<input type="checkbox"/>	CNS 346	Wireless Networks	4	Pre: CNS 240 , CNS 242			
or							
<input type="checkbox"/>	CNS 347	Wireless Networks	3	Pre: CNS 240 , CNS 242			

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>Pre-Req, ConP</u>	<u>Other Information</u>	<u>Term</u>	<u>Comments</u>
<input type="checkbox"/>	MA 130	Applied Algebra and Trigonometry	3	None			
<input type="checkbox"/>	MA 161	Applied Calculus I	3	Pre: MA 130			
or							
<input type="checkbox"/>	MA 223	Introductory Analysis I	3	None			
<input type="checkbox"/>	MA 224	Introductory Analysis II	3	Pre: MA 223			

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>Pre-Req, ConP</u>	<u>Other Information</u>	<u>Term</u>	<u>Comments</u>
<input type="checkbox"/>	PHYS 218	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"/>	ECET 224	Electronic Systems	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>Pre-Req, ConP</u>	<u>Other Information</u>	<u>Term</u>	<u>Comments</u>
<input type="checkbox"/>	ACT 150	Introductory Accounting for non-Business Majors	3	Pre: MA 130 or ConP: MA 223			Students who took ACT 200 cannot take ACT 150.
<input type="checkbox"/>	ACT 200	Financial Accounting	3	Pre: MAT 100 or ConP: MA 161 or MA 223			Students who took ACT 150 cannot take ACT 200
<input type="checkbox"/>	BUS 250	Business Organization and Management	3	Pre: ENGL 100			
<input type="checkbox"/>	CNS 200	Career Strategies for CNS/IT	3	Pre: Sophomore			
<input type="checkbox"/>	OLS 252	Human Relations in Organizations	3	Pre: ENGL 106 or ENGL 107			
<input type="checkbox"/>	MKT 210	Principles of Marketing Management	3	Pre: ENGL 100			

Business Credits Planned: _____ Business Credits Completed: _____ Business Credits Remaining: _____

Liberal Arts Requirements (12-19 credits)

English Language and Communications Skills (9 – 10 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"/>	ENGL 100	English for Academic Studies	3	None			
<input type="checkbox"/>	COM 114	Fundamentals of Speech Communication	3	Pre: ENGL 100			
and							
<input type="checkbox"/>	ENGL 107	First Year Composition	4	Pre: ENGL 100			
or							
<input type="checkbox"/>	ENGL 106	English Composition	3	Pre: ENGL 100			

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

General Education Requirement (3-9 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. 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: _____