

Work Sheet Computer Engineering Technology (CET)

Diploma Degree in Computer Engineering Technology (65 Credit Hours) - Work Sheet

Minimum Technology Core Requirements (38 credit hours)

	<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>
Engineering Technology Fundamentals (2 credits)							
☐	ET 131	Transforming Ideas to Innovations I	2	None			
Linear Circuits Analysis (8 credits)							
☐	ECET 201	Linear Circuit Analysis I	3	ConP: MA 165			
☐	ECET 200	Electronic Measurement Techniques Lab	1	ConP: ECET 201			
☐	ECET 202	Linear Circuits Analysis II	3	ECET 201, ConP: MA 165			
☐	ECET 203	Linear Circuits Analysis II Lab	1	ECET 200, ConP: ECET 202			
Digital Logic Circuits (8 credits)							
☐	ECET 111	Introduction to Digital System Design I	4	None			
☐	ECET 146	Introduction to Digital System Design II	4	ECET 111			
Electronics Circuits Analysis (4 credits)							
☐	ECET 255	Introduction to Electronic Analysis and Design	3	ECET 201, ConP: MA 165			
☐	ECET 208	Electronic Devices and Design Laboratory	1	ECET 200, ConP: ECET 255			
Microprocessor Systems and Interfacing (4 credits)							
☐	ECET 205	Introduction to Microprocessors	4	ECET 111, ConP: ECET 264			
Computer Programming Fundamentals (3 credits)							
☐	ECET 264	C Programming Language Applications	3	ET 131			
Computer Communication Networks (3 credits)							
☐	CPET 281	Introduction to Computer Communication Networks	3	CPET 181			
Operating Systems Fundamentals (3 credits)							
☐	CPET 181	Computer Operating Systems Basics	3	None			
Engineering Technology Project (3 credits)							
☐	ECET 296	Electronic System Fabrication	3	ECET 255 and ECET 208			

Technology Core Req. Credits Planned (38): _____

Credits Completed: _____

Credits Remaining: _____

Math and Science Requirements (12 credit hours)

Quantitative Reasoning (8 credit hours)

	<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>
☐	MA 165	Analytic Geometry and Calculus I	4	Placement test or MA 158			
☐	MA 166	Analytic Geometry and Calculus II	4	MA 165			

Quantitative Reasoning Credits Planned (8): _____

Credits Completed: _____

Credits Remaining: _____

Scientific Ways of Knowing (4 credit hours)

	<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>
☐	PHYS 218	Modern Mechanics	4	MA 161 or MA 223 or ConP: MA 165			

Scientific Ways of Knowing Credits Planned (4): _____

Credits Completed: _____

Credits Remaining: _____

Liberal Arts Requirements (15 credit hours):

English Language and Communication Skills (10 credit hours)

	<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>
☐	ENGL 100	English for Academic Studies	3	None			
☐	COM 114	Fundamentals of Speech Communication	3	ENGL 100			
☐	ENGL 107	First Year Composition	4	ENGL 100			

General Education Requirement (5 credit hours)

	<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>
☐							
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Liberal Arts Credits Planned (15): _____

Credits Completed: _____

Credits Remaining: _____

DISCLAIMER: The number of credits required for Liberal Arts Requirements may differ for students who decide to switch their major. It is ultimately the student's duty to confirm all academic requirements are addressed.

Total Credits Required for Degree: 65 Total Credits Planned: _____ Total Credits Completed: _____ Total Credits Remaining: _____