

Work Sheet Industrial Engineering Technology (IET)

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

Minimum Technology Core Requirements (35 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			
Human Factors and Work Methods (6 credits)							
☐	IET 257	Work Analysis and Design	3	IET 230			
☐	IET 267	Work Methods Design	3	ConP: IET 105			
Manufacturing and Production (6 credits)							
☐	IET 224	Integrated Production Systems I	3	ConP: MA 165			
☐	IET 370	Manufacturing Processes I	3	ET 190			
Quality Control and Statistical Analysis (6 credits)							
☐	IET 204	Techniques of Maintaining Quality	3	ConP: MA 165			
☐	IET 230	Probability and Statistics in Engineering	3	ConP: MA 165			
Industrial Engineering Technology Selective (6 credits)							
☐	IET 105	Industrial Management	3	None			
☐	IET 332	Computing in Industrial Engineering	3	ET 131, ConP: IET 230			
Engineering Technology Breadth (6 credits)							
☐	ECET 201	Linear Circuit Analysis I	3	ConP: MA 165			
☐	ET 190	Basic Mechanics I	3	ConP: MA 165			
Engineering Technology Project (3 credits)							
☐	IET 384	Integrated Production Systems II	3	IET 224			

Technology Core Req. Credits Planned (35): _____

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 (18 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 (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>
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Liberal Arts Credits Planned (18): _____

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: _____