

Work Sheet - Industrial Engineering Technology (IET)

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

Minimum Technology Core Requirements (35 credit hours)

	Course Code	Course Title	CR	Contact Hours		Pre-Req, ConP	Other Information	Term	Comments
				Lecture	Lab				
Engineering Technology Fundamentals (2 credits)									
<input type="checkbox"/>	ET 131	Transforming Ideas to Innovations I	2	2	2	None			
Human Factors and Work Methods (6 credits)									
<input type="checkbox"/>	IET 257	Work Analysis and Design	3	2	2	IET 230			
<input type="checkbox"/>	IET 267	Work Methods Design	3	2	2	ConP: IET 105			
Manufacturing and Production (6 credits)									
<input type="checkbox"/>	IET 224	Integrated Production Systems I	3	3	0	ConP: MA 165			
<input type="checkbox"/>	IET 370	Manufacturing Processes I	3	1.5	1.5	ET 190			
Quality Control and Statistical Analysis (6 credits)									
<input type="checkbox"/>	IET 204	Techniques of Maintaining Quality	3	2	2	ConP: MA 165			
<input type="checkbox"/>	IET 230	Probability and Statistics in Engineering	3	2	2	ConP: MA 165			
Industrial Engineering Technology Selective (6 credits)									
<input type="checkbox"/>	IET 105	Industrial Management	3	3	0	None			
<input type="checkbox"/>	IET 332	Computing in Industrial Engineering	3	2	2	ET 131, ConP: IET 230			
Engineering Technology Breadth (6 credits)									
<input type="checkbox"/>	ECET 201	Linear Circuit Analysis I	3	3	0	ConP: MA 165			
<input type="checkbox"/>	ET 190	Basic Mechanics I	3	3	0	ConP: MA 165			
Engineering Technology Project (3 credits)									
<input type="checkbox"/>	IET 384	Integrated Production Systems II	3	2	2	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>Contact Hours</u>		<u>Pre-Req, ConP</u>	<u>Other Information</u>	<u>Term</u>	<u>Comments</u>
				<u>Lecture</u>	<u>Lab</u>				
<input type="checkbox"/>	MA 165	Analytic Geometry and Calculus I	4	4	1	Placement Test or MA 158			
<input type="checkbox"/>	MA 166	Analytic Geometry and Calculus II	4	4	0	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>Contact Hours</u>		<u>Pre-Req, ConP</u>	<u>Other Information</u>	<u>Term</u>	<u>Comments</u>
				<u>Lecture</u>	<u>Lab</u>				
<input type="checkbox"/>	PHYS 218	Modern Mechanics	4	3	2	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>Contact Hours</u>		<u>Pre-Req, ConP</u>	<u>Other Information</u>	<u>Term</u>	<u>Comments</u>
				<u>Lecture</u>	<u>Lab</u>				
<input type="checkbox"/>	ENGL 100	English for Academic Studies	3	3	0	None			
<input type="checkbox"/>	COM 114	Fundamentals of Speech Communication	3	3	0	ENGL 100			
<input type="checkbox"/>	ENGL 107	First Year Composition	4	4	0	ENGL 100			

General Education Requirement (8 credit hours)

	<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>Lecture</u>	<u>Lab</u>				
<input type="checkbox"/>									
<input type="checkbox"/>									
<input type="checkbox"/>									
<input type="checkbox"/>									
<input type="checkbox"/>									
<input type="checkbox"/>									

Liberal Arts Credits Planned (18): _____

Credits Completed: _____

Credits Remaining: _____

Total Credits Required for Degree: 65

Total Credits Planned: _____ Total Credits Completed: _____

Total Credits Remaining: _____