

### 3.3 Work Sheet

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

#### Technology Core Requirements (30 credit hours)

Note: Any course that is a prerequisite for another must be completed with a C- or better

	<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"/>	ET 106	Introduction to Engineering Technology	3	1	3				
<input type="checkbox"/>	ET 190	Statics	3	2	2	Pre: MA 159 with a grade of C- or better			
<input type="checkbox"/>	ET 200	Strength of Materials	3	2	2	Pre: ET 190 with a grade of C- or better			
<input type="checkbox"/>	MET 104	Technical Graphics Communications	3	2	3	ConP: MA 159			
<input type="checkbox"/>	MET 180	Materials and Processes	3	2	2	Pre: ET 106 with a grade of C- or better ConP: MA 159			
<input type="checkbox"/>	MET 223	Introduction to Computer-Aided Modeling and Design	3	2	3	Pre: ET 106, with a grade of C- or better MET 104 with a grade of C- or better			
<input type="checkbox"/>	MET 335	Basic Machining	3	2	3	Pre: MET104, MET 180, PHYS 218 All with grades of C- or better			
<input type="checkbox"/>	ECET 114	Introduction to Visual Basic	3	2	2				
<input type="checkbox"/>	IET 204	Techniques of Maintaining Quality	3	2	2	Pre: MA 159 with a grade of C- or better			
<input type="checkbox"/>	IET 105	Industrial Management	3	3	0				

Technology Core Req. Credits Planned (30): \_\_\_\_\_

Credits Completed: \_\_\_\_\_

Credits Remaining: \_\_\_\_\_

## Math and Science Requirements (16 credit hours)

### Quantitative Reasoning (12 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>Classroom</u>	<u>Lab</u>				
<input type="checkbox"/>	MA 159	Precalculus	5	3	2				
<input type="checkbox"/>	MA 227	Calculus for Technology I	4	4	0	Pre: MA 159 with a grade of C-			
<input type="checkbox"/>	STA 205	Applied Statistics for Engineering Technology	3	2	2	Pre: MA 159 with a grade of C-			

Quantitative Reasoning Credits Planned (12 credits): \_\_\_\_\_

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>Classroom</u>	<u>Lab</u>				
<input type="checkbox"/>	PHYS 218	General Physics	4	3	2	Pre: MA 159 with C- or better or MAT 125 or MAT 175 or MA 161			

Scientific Ways of Knowing Credits Planned (4 credits): \_\_\_\_\_

Credits Completed: \_\_\_\_\_

Credits Remaining: \_\_\_\_\_

**Liberal Arts Requirements (19 credit hours):**

**English Language and Communication Skills (9 credit hours)**

	<u>Course Code</u>	<u>Course Title</u>	<u>CR</u>	<u>Contact Hours</u>		<u>Contact Hours</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			

**General Education Requirement (10 credit hours)**

	<u>Course Code</u>	<u>Course Title</u>	<u>CR</u>	<u>Contact Hours</u>		<u>Contact Hours</u>	<u>Other Information</u>	<u>Term</u>	<u>Comments</u>
				<u>Classroom</u>	<u>Lab</u>				
<input type="checkbox"/>									
<input type="checkbox"/>									
<input type="checkbox"/>									

Liberal Arts Credits Planned (19 credit): \_\_\_\_\_ Credits Completed: \_\_\_\_\_ Credits Remaining: \_\_\_\_\_

**Total Credits Required for Degree: 65**      **Total Credits Planned: \_\_\_\_\_**      **Total Credits Completed: \_\_\_\_\_**      **Total Credits Remaining: \_\_\_\_\_**