

4.3 Work Sheet

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

Technology Core Requirements (35 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"/> | ET 106 | Introduction to Engineering Technology | 3 | 1 | 3 | | | | |
| <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; ConP: MA 159 | | | |
| <input type="checkbox"/> | MET 223 | Introduction to Computer- Aided Modeling and Design | 3 | 2 | 3 | Pre: ET 106 and MET 104 | | | |
| <input type="checkbox"/> | MET 335 | Basic Machining | 3 | 2 | 3 | Pre: MET 104, 180, and PHYS 218 All with grades of C- or better. | | | |
| <input type="checkbox"/> | IET 204 | Techniques of Maintaining Quality | 3 | 2 | 2 | Pre: MA 159 | | | |
| <input type="checkbox"/> | IET 224 | Production Planning and Control | 3 | 2 | 2 | Pre: MA 159 | | | |
| <input type="checkbox"/> | IET 257 | Ergonomics | 3 | 2 | 2 | Pre: MET 106 | | | |
| <input type="checkbox"/> | IET 267 | Work Methods Design | 3 | 2 | 2 | Pre: IET 105 | | | |
| <input type="checkbox"/> | IET 310 | Plant Layout and Material Handling | 3 | 2 | 2 | Pre: MET 104, and MA 159 | | | |
| <input type="checkbox"/> | MET 106 | Analytical and Computational Tools in MET | 2 | 1 | 2 | | | | |
| <input type="checkbox"/> | IET 105 | Industrial Management | 3 | 3 | 0 | | | | |

Technology Core Req. Credits Planned (35): _____

Credits Completed: _____

Credits Remaining: _____

Math and Science Requirements (13 credit hours)

Quantitative Reasoning (9 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- | | | |

Quantitative Reasoning Credits Planned (9): _____

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 Completed: _____

Credits Remaining: _____

Liberal Arts Requirements (17 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 (8 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"/> | | | | | | | | | |
| <input type="checkbox"/> | | | | | | | | | |
| <input type="checkbox"/> | | | | | | | | | |
| <input type="checkbox"/> | | | | | | | | | |

Liberal Arts Credits Planned (17): _____

Credits Completed: _____

Credits Remaining: _____

Total Credits Required for Degree: 65

Total Credits Planned: _____

Total Credits Completed: _____

Total Credits Remaining: _____