**Bachelor of Science**

**INDUSTRIAL TECHNOLOGIES**

**Effective Fall 2019**

**Name:**   **NMU IN**# \_

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| **Course**  | **Credits** | **Grade** | **Semester/Year** |
| **General Education Program**  **(30 - 40)**  |
| **Effective Communication** **(6 - 8)** |
| EN 111 College Composition | 4 |  |  |
| EN 211 College Composition II | 4 |  |  |
| **Quantitative Reasoning and Analysis** **(3 - 4)**  |
| *Satisfied by required course* | 4 |  |  |
| **Social Responsibility in a Diverse World (3 - 4)** |
|  |  |  |  |
| **Integrative Thinking (3 - 4)** |
|  |  |  |  |
| **Human Expression (3 - 4)** |
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| **Perspectives on Society (6 - 8)** |
| *Satisfied by required course* | 4 |  |  |
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| **Scientific Inquiry (6 - 8)** |
| *Satisfied by required course* | 4 |  |  |
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| **Major Courses (33)** |
| DD 100 Technical Drafting with Introduction to CAD | 4 |  |  |
| ET 110 Introduction to Electricity | 4 |  |  |
| IT 180 Introduction to Fluid Power | 3 |  |  |
| IT 215 General Industrial Safety | 2 |  |  |
| IT 300 Industrial Supervision | 3 |  |  |
| IT 340 Enterprise Resource Planning | 3 |  |  |
| IT 420 Quality Control | 3 |  |  |
| MET 211 Mechanics-Statistics | 4 |  |  |
| MET 213 Materials Science I | 3 |  |  |
| MF 134 Manufacturing Process | 4 |  |  |

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| **Course**  | **Credits** | **Grade** | **Semester/Year** |
| **Other Required Courses (16-17)** |
| CH 105 Chemical Principles (4 cr.) orPH 201 College Physics I (5 cr.)  | 4 |  |  |
| MA 115 Precalculus | 4 |  |  |
| MA 109 Introduction to Probability and Statistics | 4 |  |  |
| TE 351 Humanity and Technology  | 4 |  |  |
| IT 010 Exit Seminar | 0 |  |  |
| **Technical or Contracted Minor (20)** |  |  |  |
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| **General Electives (as needed to reach 120 total credits)** |
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**Total Credits Required: 120**