**Bachelor of Science**

**Industrial Technology Education**

**Industrial Technology Teachable Certification Curriculum**

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

Date Program Begun: \_\_\_\_\_\_\_ Admitted to Education:**\_\_\_\_\_\_\_\_\_\_\_**

| **Course** | **Cr** | **Grade** | **Semester/Year** |
| --- | --- | --- | --- |
| **General Education** **(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)** |
|  | 4 |  |  |
| **Integrative Thinking ( 3-4)** |
|  | 4 |  |  |
| **Human Expression (3-4)** |
|  |  |  |  |
| **Perspectives on Society (6-8)** |
| *Satisfied by required course* | 4 |  |  |
|  | 4 |  |  |
| **Scientific Inquiry (6-8)** |  |  |  |
|  | 4 |  |  |
|  | 4 |  |  |
| **Technical Core (37)** |
| CN 110 Construction Processes | 2 |  |  |
| CN 156 Construction Systems | 2 |  |  |
| DD 100 Technical Drafting with Intro to CAD | 4 |  |  |
| DD 202 Product Development and Design | 4 |  |  |
| ET 110 Introduction to Electricity | 4 |  |  |
| IT 010 Exit Seminar | 0 |  |  |
| IT 180 Introduction to Fluid Power | 3 |  |  |
| MET 213 Materials Science I | 3 |  |  |
| MF 134 Manufacturing Processes | 4 |  |  |
| WD 140 Introduction to Welding | 4 |  |  |
| Technical Elective | 5 |  |  |
| **Other Required Courses (12)** |
| MA 115 Precalculus | 4 |  |  |
| TE 351 Humanity and Technology | 4 |  |  |
| **Teaching Minor - *selected from approved secondary teaching minors* (24 minimum)** |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
| **Professional Education (32)** |
| ED 201 Introduction to Education | 2 |  |  |
| ED 231 Teaching/Learning - Secondary Classroom  | 4 |  |  |
| ED 301 Dimensions of American Education | 2 |  |  |
| ED 319 Teaching of Reading - Secondary Teacher | 3 |  |  |
| ED 361 Special Ed & the General Classroom Teacher | 2 |  |  |
| ED 380 Practicum in the Secondary School | 2 |  |  |
| ED 430 Teaching in the Secondary School | 11 |  |  |
| ED 450 Seminar in Teaching | 1 |  |  |
| ED 483 Educational Media Technology | 2 |  |  |
| TE 350 Methods and Materials in Industrial Technology Ed | 3 |  |  |

**Total Required Credits: 133**