NAME: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ DATE: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

ID: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **North Dakota State University**

**College of Engineering and Architecture**

**MANUFACTURING ENGINEERING MINOR**

**REQUIREMENTS: 16 credits minimum**

(A minimum of 8 credits must be taken at NDSU)

**Required Courses: 12 credits**

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| **Dept** | **Course #** | **Course Title** | **Credits** | **Grade** | **Sem/Yr Completed** | **TR Course**  **🗹** | **Transfer Institution** |
| IME | 330 | Manufacturing Processes | 3 |  |  |  |  |
| IME | 380 | CAD/CAM in Manufacturing | 3 |  |  |  |  |
| IME | 430 | Process Engineering | 3 |  |  |  |  |
| IME | 431 | Production Engineering | 3 |  |  |  |  |

**Electives: 4 credits minimum**

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| **Dept** | **Course #** | **Course Title** | **Credits** | **Grade** | **Sem/Yr Completed** | **TR Course**  **🗹** | **Transfer Institution** |
| IME | 335 | Welding Technology | 3 |  |  |  |  |
| IME | 427 | Electronics Manufacturing | 3 |  |  |  |  |
| IME | 432 | Composite Materials Manufacturing | 3 |  |  |  |  |
| IME | 435 | Plastics Processing | 3 |  |  |  |  |
| IME | 461 | Quality Assurance & Control | 3 |  |  |  |  |
| IME | 482 | Automated Manufacturing Systems | 3 |  |  |  |  |