

Manufacturing Engineering

Department Information

- **Department Web Site:**
www.ndsu.edu/ime/ (<http://www.ndsu.edu/ime/>)
- **Credential Offered:**
B.S.Mfg.E.; Minor
- **Sample Program Guide:**
catalog.ndsu.edu/programs-study/undergraduate/manufacturing-engineering/#planofstudytext (<http://catalog.ndsu.edu/programs-study/undergraduate/manufacturing-engineering/#planofstudytext>)

Minor Requirements

Minor: Manufacturing Engineering

Required Credits: 18

Code	Title	Credits
Required Courses		
IME 330	Manufacturing Processes	3
IME 380	CAD/CAM for Manufacturing	3
IME 430	Process Engineering	3
IME 431	Production Engineering	3
Electives: Select 6 credits from the following:		6
IME 335	Welding Technology	
IME 427	Packaging for Electronics	
IME 432	Composite Materials Manufacturing	
IME 433	Additive Manufacturing	
IME 435	Plastics and Polymer Processing in Manufacturing	
IME 437	Methods for Precision Manufacturing	
IME 461	Quality Assurance and Control	
IME 465	Introduction to Machine Learning	
IME 482	Automated Manufacturing Systems	
Total Credits		18

Minor Requirements and Notes

- A minimum of 9 credits must be taken at NDSU.
- Only students majoring in an engineering discipline or with department permission agricultural or physical science majors may elect a minor in Manufacturing Engineering.