About The Major
A manufacturing engineer’s primary focus is to turn raw material into an updated or new product in the most effective, efficient, and economical way possible. A degree in this program prepares students for careers in the application of modern technology to the design and manufacturing of products, consumer goods, and services. This major also allows students to select one or more emphasis areas which include advanced manufacturing, design, and metal casting.

Sample Course Work
- Metal Removal Processes
- Engineering Materials
- Statistical Quality Control
- Computer-Aided Manufacturing
- Product Design
- Molding Practices in Metal Casting

Possible Careers
- Manufacturing Engineer
- Simulation Engineer
- Molding Engineer
- Industrial Engineer
- Tool Designer
- Facility Supervisor
- Automation Supervisor
- Quality Engineer
- Test Engineer
- CAD Specialist
- CNC Specialist
- Plant Manager

UNI Graduates: Where Are They Now?
- John Deere
- SiC Foundry
- Robert Half Technology
- DOMO Engineering Plastics US
- Alvine Engineering
- Van Diest Supply Company
- Align Technology
- Indiana Crop Improvement Association
- Accu-Mold
- Curbtender, Inc.
- Baxter Healthcare Corporation
- KE Collab LLC
- Carpenter Brothers, Inc.

Skills Needed
- Problem-solving
- Leadership
- Information Technology
- Analytical skills
- Commercial awareness
- Critical thinking
- Dependability