

## Manufacturing Engineering Technology

College of Engineering and Engineering Technology

Degree Path - Catalog 2014-2015

| Semester 1        | Credits | Course Selected | Semester 2  | Credits | Course Selected |
|-------------------|---------|-----------------|-------------|---------|-----------------|
| TECH 211          | 3       |                 | ENGL 104    | 3       |                 |
| MATH 155          | 3       |                 | MATH 229    | 4       |                 |
| CHEM 110/CHEM 111 | 4       |                 | TECH 265    | 3       |                 |
| ENGL 103          | 3       |                 | PHYS 210    | 4       |                 |
| COMS 100          | 3       |                 | TECH 262    | 3       |                 |
| Total hours       | 16      |                 | Total hours | 17      |                 |
| Notes/Comments:   |         | Notes/Comments: |             |         |                 |

| Semester 3         | Credits | Course Selected | Semester 4           | Credits | Course Selected |
|--------------------|---------|-----------------|----------------------|---------|-----------------|
| MATH 230           | 4       |                 | TECH 210             | 2       |                 |
| TECH 175/TECH 175A | 4       |                 | TECH 212             | 2       |                 |
| Gen Ed: Elective   | 3       |                 | TECH 295 or CSCI 215 | 3       |                 |
| Gen Ed: Elective   | 3       |                 | STAT 208 or STAT 301 | 3       |                 |
| Gen Ed: Elective   | 3       |                 | Gen Ed: Elective     | 3       |                 |
| Total hours        | 17      |                 | Total hours          | 13      |                 |
| Notes/Comments:    |         |                 | Notes/Comments:      |         |                 |

| Semester 5      | Credits | Course Selected | Semester 6           | Credits | Course Selected |
|-----------------|---------|-----------------|----------------------|---------|-----------------|
| TECH 311        | 3       |                 | TECH 326             | 3       |                 |
| TECH 369        | 3       |                 | TECH 342             | 3       |                 |
| TECH 391        | 3       |                 | TECH 443             | 3       |                 |
| TECH 393        | 3       |                 | ENGL 308 or MGMT 346 | 3       |                 |
| TECH 425        | 3       |                 |                      |         |                 |
| Total hours     | 15      |                 | Total hours          | 12      |                 |
| Notes/Comments: |         |                 | Notes/Comments:      |         |                 |

| Semester 7                        | Credits | Course Selected  | Semester 8                        | Credits | Course Selected |
|-----------------------------------|---------|--|-----------------------------------|---------|-----------------|
| TECH 420                          | 3       | <ul> <li>Apply for graduation (2/1 for May,<br/>6/15 for August, or 9/1 for December)</li> </ul> | TECH 362                          | 3       |                 |
| TECH 477                          | 1       |  | TECH 423                          | 3       | 1               |
| Elective: Manufacturing Systems   | 3       |  | TECH 478                          | 3       |                 |
| Elective: Manufacturing Processes | 3       |  | Elective: Manufacturing Systems   | 3       |                 |
| Gen Ed: Elective                  | 3       |  | Elective: Manufacturing Processes | 3       |                 |
| Total hours                       | 13      |  | Total hours                       | 15      |                 |
| Notes/Comments:                   |         | Notes/Comments:  | -                                 |         |                 |
|                                   |         |  |                                   |         |                 |

Notes/Comments: This plan is an example of what a four year plan could look like for a typical student. Placement exam scores in math as well as the completion of coursework may change the plan. It should not be used in the place of regular academic advising appointments. All students are required to meet with their advisor each semester to discuss course scheduling. All requirements are subject to change by NIU.