



**Associate of Science**

**Major: Manufacturing Technology**

**2018-2019 Sample 2-Year Plan**

**Total Degree Requirements: 60 credits**

**Student** \_\_\_\_\_ **Student ID#** \_\_\_\_\_ **Student Phone #** \_\_\_\_\_

**Advisor** \_\_\_\_\_ **Minimum GPA** 2.0 **Minor/Career Interest(s)** \_\_\_\_\_

Students are not limited to this plan; it is meant to be used as a guide for planning purposes in consultation with your advisor. The sample schedule is one possible path to completing your degree within four years. For official program requirements, please refer to the [Undergraduate Catalog](#).

**First Year**

**Fall**

| Prefix + Number           | Course Title  | Prerequisites/Comments                                  | Credits | Semester | Grade |
|---------------------------|---|---|---------|----------|-------|
| ENGL 101                  | Composition I (SGR #1)                              | p. ENGL 031, ENGL 032, ENGL 033, ENGL 039, or placement | 3       |          |       |
| GE 101                    | Introduction to Engineering & Technical Professions |   | 1       |          |       |
| GE 121                    | Engineering Design Graphics I                       | c. One MATH course except for 021, 101, 100T.           | 1       |          |       |
| GE 123                    | Computer Aided Drawing                              | p. GE 121   | 1       |          |       |
| MATH 102                  | College Algebra (SGR #5)                            | p. Placement, MATH 095 or MATH 101 (C or better)        | 3       |          |       |
| SGR #3                    | Social Sciences/Diversity                           |   | 3       |          |       |
| SGR #4                    | Arts & Humanities/Diversity                         |   | 3       |          |       |
| <b>Total Credit Hours</b> |   |   | 15      |          |       |

**Spring**

| Prefix + Number           | Course Title                            | Prerequisites/Comments | Credits | Semester | Grade |
|---------------------------|---|------------------------|---------|----------|-------|
| ACCT 210                  | Principles of Accounting I              |                        | 3       |          |       |
| CHEM 106/L                | Chemistry Survey & Lab (SGR #6)         | p. MATH 101 or higher  | 4       |          |       |
| GE 210                    | Geometric Dimensioning/ Tolerancing     |                        | 2       |          |       |
| MNET 150                  | Introduction to Manufacturing Processes |                        | 3       |          |       |
| SPCM 101                  | Fundamentals of Speech (SGR #2)         |                        | 3       |          |       |
| <b>Total Credit Hours</b> |   |                        | 15      |          |       |

**Second Year**

**Fall**

| Prefix + Number           | Course Title                      | Prerequisites/Comments               | Credits | Semester | Grade |
|---------------------------|-----------------------------------|--------------------------------------|---------|----------|-------|
| ACCT 211                  | Principles of Accounting II       | p. ACCT 210                          | 3       |          |       |
| GE 265                    | Industrial Safety                 |                                      | 3       |          |       |
| MNET 243                  | Introduction to Materials Science | p. CHEM 106 or PHYS 101 or PHYS 111  | 3       |          |       |
| MNET 251                  | Electricity & Electronics I       | p. 1 MATH course 100 level or higher | 3       |          |       |
| SGR #1                    | Written Communication             |                                      | 3       |          |       |
| <b>Total Credit Hours</b> |                                   |                                      | 15      |          |       |

**Spring**

| Prefix + Number           | Course Title                   | Prerequisites/Comments               | Credits | Semester | Grade |
|---------------------------|--------------------------------|--------------------------------------|---------|----------|-------|
| CSC/MGMT 325              | Management Information Systems |                                      | 3       |          |       |
| GE 231                    | Technology, Society, & Ethics  |                                      | 3       |          |       |
| MNET 265                  | Quality Assurance              | p. MATH 102, MATH 103, or equivalent | 3       |          |       |
| MNET 367/L                | Production Strategy & Lab      | p. MNET 231 or ET 232                | 3       |          |       |
| SGR #6                    | Natural Sciences               |                                      | 3       |          |       |
| <b>Total Credit Hours</b> |                                |                                      | 15      |          |       |

**Comments/Notes**

Students from all academic majors can pursue graduation with Fishback Honors College distinction. View the [Honors program requirements](#).

**Information Subject to Change. This is not a contract.**

p. = Course Prerequisite  
Semester: F = Fall, S = Spring, SU = Summer