



**Idaho State  
University**

### Catalog Year 2023-2024

BTC, Energy Systems Mechanical  
Engineering Technology:  
Industrial Maintenance Mechanic

(For internal use only)

☒ No change  
☐ UCC proposal

A Major Academic Plan (MAP) is one way to complete a degree in a set number of semesters. The *example* below is only one strategy. Actual plans for individual students will vary based on advisor recommendations and academic needs. Official Program Requirements including Major, General Education, Electives, and university requirements (see pg.2) are based on Catalog Year.

| Course Subject and Title  | Cr.      | Min.<br>Grade | *GE,<br>UU or UM | **Sem.<br>Offered             | Prerequisite          | Co-Requisite |
|---|----------|---------------|------------------|-------------------------------|-----------------------|--------------|
| <b>Semester One</b>   |          |               |                  |                               |                       |              |
| ESET 1100: Engineering Technology Orientation <b>AND</b><br>ESET 1100L: Engineering Technology Orientation Lab; <b>OR</b><br>ESET 1162: Industrial Safety and Regulations                   | 2        | C-            |                  | F, S, D<br>F, S, D<br>F, S, D |                       |              |
| ESET 1118: Industrial Maintenance Mechanic I  | 2        | C-            |                  |                               |                       | ESET 1118L   |
| ESET 1118L: Industrial Maintenance Mechanic I Lab   | 1        | C-            |                  | F, D                          |                       | ESET 1118    |
| ESET 1123: Mechanical Power Transmission I  | 2        | C-            |                  | F, D                          |                       | ESET 1123L   |
| ESET 1123L: Mechanical Power Transmission I Lab   | 2        | C-            |                  | F, D                          |                       | ESET 1123    |
| <b>Total</b>  | <b>9</b> |               |                  |                               |                       |              |
| <b>Semester Two</b>   |          |               |                  |                               |                       |              |
| ESET 1119: Industrial Maintenance Mechanic II   | 2        | C-            |                  | S, D                          | ESET 1118             | ESET 1119L   |
| ESET 1119L: Industrial Maintenance Mechanic II Lab  | 1        | C-            |                  | S, D                          |                       | ESET 1119    |
| ESET 1125: Introduction to Structural Welding   | 1        | C-            |                  | S, D                          |                       |              |
| ESET 1126: Intro to Mech Drafting and CAD   | 1        | C-            |                  | S, D                          |                       |              |
| ESET 1127: Mechanical Power Transmission II   | 2        | C-            |                  | S, D                          | ESET 1123, ESET 1123L | ESET 1127L   |
| ESET 1127L: Mechanical Power Transmission II Lab  | 2        | C-            |                  | S, D                          |                       | ESET 1127    |
| <b>Total</b>  | <b>9</b> |               |                  |                               |                       |              |
| *GE=General Education Objective, UU=Upper Division University, UM= Upper Division Major<br>**See Course Schedule section of Course Policies page in the e-catalog (or input F, S, Su, etc.) |          |               |                  |                               |                       |              |

Form Revised 6.16.2021