Industrial and Engineering Technology Flow Chart - Welding Technology

Note: This Flow Chart Supports Students Starting in the Fall Semester. Students Starting in the Spring or Summer need to Speak with Their Advisor to Discuss Course Progression.

**English, Comm., Languages**
- Freshman 1 - ENGL 101 - Freshman Composition
- Freshman 2 - ENGL 102 - Critical Reading Writing
- Sophomore 1 - ENGL 230, 231, or 232 OR ENGL 322 - Tech. Writing
- Sophomore 2 - ENGL 230, 231, or 232

**Math and Sciences**
- Freshman 1 - MATH 161 - College Algebra
- Freshman 2 - CHEM 101 - General Chemistry 1
- Sophomore 1 - CLAB 101 - General Chemistry 1 Lab
- Sophomore 2 - PHYS 191 - General Physics
- Junior 1 - PHYS 193 - General Physics Lab
- Junior 2 - PHYS 191 - General Physics
- Senior 1 - GBRO 151 - General Biology
- Senior 2 - GBRO 152 - General Biology Lab

**Builder IT, ET, and DDT Classes**
- Math 162 - Math 241
- IT 233 - Intro To Basic Electricity
- IT 256 - Principles & Metallurgy of Welding
- IT 211 - Codes and Standards
- IT 381 - Weld Joint Design (Part 1)
- IT 204 - Industrial Fluid Power
- IT 241 - Manual Welding (Part 1)
- IT 351 - Machine Tool and Technology
- IT 322 - Materials Science & Metallurgy
- IT 221 - Nondestructive Testing
- Technical Elective

**Other Courses**
- SE 101
- SOC 101 OR PSVC 101
- ECON 201
- ACCT 200
- Art, Mus, Dnce, Thea
- History
- OSHE 111 - Introduction to OSHE
- MGMT 351
- Comm 211

Hours Taken:
- Freshman 1: 14
- Freshman 2: 16
- Sophomore 1: 15
- Sophomore 2: 16
- Junior 1: 16
- Junior 2: 16
- Senior 1: 15
- Senior 2: 12

Last Updated: 10/08/2020