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| **Catalog Year 2021-2022**AAS, Welder-Fitter | ***(For internal use only)***[x]  *No change*[ ]  *UCC proposal* |

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| **Course Subject and Title** | **Cr.**  | **Min.** **Grade** | **\*GE,** **UU or UM** | **\*\*Sem. Offered** | **Prerequisite** | **Co-Requisite** |
| Semester One |
| GE Objective 1: ENGL 1101 English Composition | 3 |  | GE |  |  |  |
| WELD 0130: Safety and Leadership | 2 | C |  | F,S |  |  |
| WELD 0131: Welding Practice I **OR** WELD 0131A: Shielded Metal Arc Welding and WELD 0131B: Gas Metal Arc Welding and WELD 0131C: Flux Cored Arc Welding | 12 | C |  | F,S | Instructor Permission | WELD 0131A and 0131B |
| WELD 0140: Welding Theory | 2 | C |  | F |  |  |
| WELD 0143: Shop Math I | 2 | C |  | F |  |  |
|  |  |  |  |  |  |  |
|  Total | 21 |  |  |  |  |  |
| Semester Two |
| GE Objective 2: COMM 1101 Principles of Speech | 3 |  | GE |  |  |  |
| WELD 0132: Welding Practice II | 12 | C |  | F,S | WELD 0131 |  |
| WELD 0141: Mechanical Drawing | 2 | C |  | S |  |  |
| WELD 0142: Blue Print Reading for Welders | 2 | C |  | S |  |  |
|  |  |  |  |  |  |  |
|  Total | 19 |  |  |  |  |  |
| Semester Three (Summer) |
| GE Objective 3:  | 3 |  | GE |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |
|  Total | 3 |  |  |  |  |  |
| Semester Four |
| GE Objective 6:  | 3 |  | GE |  |  |  |
| WELD 0231: Welding Practice III | 13 | C |  | F | WELD 0132 |  |
| WELD 0241: Metal Layout | 3 | C |  | F | WELD 0141 |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  Total | 19 |  |  |  |  |  |
| Semester Five |
| Elective GE: Any Objective Not Previously Applied | 3 |  | GE |  |  |  |
| WELD 0232: Welding Practice IV | 13 | C |  | S | WELD 0231 |  |
| WELD 0243: Shop Math II | 3 | C |  | S | WELD 0143 |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  Total | 19 |  |  |  |  |  |
| Semester Six |
|  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |
|  Total |  |  |  |  |  |  |
| Semester Seven |
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|  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |
|  Total  |  |  |  |  |  |  |
| \*GE=General Education Objective, UU=Upper Division University, UM= Upper Division Major\*\*See Course Schedule section of Course Policies page in the e-catalog (or input F, S, Su, etc.)  |

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.

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| **2021-2022 Major Requirements** | **CR** | **GENERAL EDUCATION OBJECTIVES****Satisfy Objectives 1,2,3,4,5,6 (7 or 8) and 9** | **15 cr. min** |
| **MAJOR REQUIREMENTS** | **66** | 1. Written English (3 cr. min) ENGL 1101 | 3 |
| WELD 0130 Safety and Leadership | 2 |  ENGL 1102 |  |
| WELD 0131 Welding Practice I OR WELD 0131A Shielded Metal Arc Welding And WELD 0131B Gas Metal Arc Welding And WELD 0131C Flux Cored Arc Welding | 12 | 2. Spoken English (3 cr. min) COMM 1101 | 3 |
| WELD 0132 Welding Practice II | 12 | 3. Mathematics (3 cr. min)  | 3 |
| WELD 0140 Welding Theory | 2 | 4. Humanities, Fine Arts, Foreign Lang.  |
| WELD 0141 Mechanical Drawing | 2 |  |  |
| WELD 0142 Blueprint Reading for Welders | 2 |  |  |
| WELD 0143 Shop Math I | 2 | 5. Natural Sciences  |
| WELD 0231 Welding Practice III | 13 |  |  |
| WELD 0232 Welding Practice IV | 13 |  |  |
| WELD 0241 Metal Layout | 3 |  |  |
| WELD 0243 Shop Math II | 3 | 6. Behavioral and Social Science **(1 course; 3 cr. min)** |
|  |  |  | 3 |
|  |  |  |  |
|  |  | One Course from EITHER Objective 7 OR 8  |
|  |  | 7. Critical Thinking |  |
|  |  | 8. Information Literacy  |
|  |  | 9. Cultural Diversity  |
|  |  |  |  |
|  |  | General Education Elective to reach 36 cr. min. **(if necessary)** |
|  |  |   | 3 |
|  |  |  **Total GE** | **15** |
|  |  | Undergraduate Catalog and GE Objectives by [Catalog Year](https://www.isu.edu/advising/academic-support/general-education/) *http://coursecat.isu.edu/undergraduate/programs/* |
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|  |  | **MAP Credit Summary** | **CR** |
|  |  | Major  | 66 |
|  |  | General Education  | 15 |
|  |  | Upper Division Free Electives to reach 36 credits | 0 |
|  |  | Free Electives to reach 120 credits | 0 |
|  |  |  TOTAL | 81 |
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|  |  | **Graduation Requirement Minimum Credit Checklist** | **Confirmed** |
|  |  | Minimum 36 cr. General Education Objectives (15 cr. AAS) | X |
|  |  | Minimum 15 cr. Upper Division in Major (0 cr. Associate) |  |  |
|  |  | Minimum 36 cr. Upper Division Overall (0 cr. Associate) |  |  |
|  |  | Minimum of 120 cr. Total (60 cr. Associate) | X |
|  |  |  |  |
| **Advising Notes** | ***MAP Completion Status (for internal use only)*** |
|  |  | *Date* |
|  |  |  |
|  | *CAA or COT:* | TIM 10/18/2019 |
|  |  |  |
|  | **Complete College American Momentum Year****Math and English course in first year-Specific GE MATH course identified****9 credits in the Major area in first year****15 credits each semester (or 30 in academic year)****Milestone courses** |
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|  |  Form Revised 9.10.2019 |