

2020-2021

Welding Technology

Associate of Applied Science

Dusty Baker

Faculty Advisor/Program Director

Student Name

Academic Advisor

575.624.7318

Telephone Number

Student ID Number

Date

Advisor's Notes/Recommendations:

Please check all Core Courses for transferability into this degree plan.

Student must have an **ENMU Campus System** cumulative grade point average of 2.0 in order to meet graduation requirements.

Submit a Graduation Application before the close of the semester preceding the expected completion date.

Program Requirements:

This program requires students to purchase their own tools. To obtain a list of the required tools, contact the program instructor.

Students enrolled in WELD 294 will be subject to drug testing before placement at the co-op site.

| | Grade | Sem. | | Grade | Sem. | | Grade | Sem. |
|-------------|-------|------|--------------|-------|------|--------------|-------|------|
| Writeplacer | | | ENG 096 | ---- | ---- | ENG 098L | | |
| Math | -- | -- | MATH 094/095 | ---- | ---- | MATH 097/098 | ---- | ---- |

Note * Prerequisite/s required: See list below

| Fall Semester I | | | Credit Hours | Grade | Semester |
|-----------------|------|-------------------------|----------------|-------|----------|
| ENTR | 1110 | Entrepreneurship | 3 hrs. | | |
| WELD | 110 | Introduction to Welding | 4 hrs. | ---- | ---- |
| WELD | 115 | Print Reading | 2 hrs. | | |
| WELD | 125 | Gas Metal Arc I | 3 hrs. | --- | ---- |
| WELD | 131 | Shielded Metal Arc I | 3 hrs. | | |
| WELD | 135 | Gas Tungsten Arc I | 3 hrs. | | |
| | | | 18 hrs. | | |

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| Spring Semester I | | | Credit Hours | Grade | Semester |
|-------------------|------|--|--|-------|----------|
| WELD | 132 | Shielded Metal Arc II | 3 hrs. | | |
| *WELD | 202 | Gas Metal Arc II | 3 hrs. | | |
| *WELD | 203 | Gas Tungsten Arc II | 3 hrs. | | |
| *ENGL | 2210 | Professional & Technical Communication | 3 hrs. | | |
| | | | **Humanities or Fine and Creative Arts (V or VI) | | |
| | | | 15 hrs. | | |

| Fall Semester | | | Credit Hours | Grade | Semester |
|---------------|------|--|----------------|-------|----------|
| WELD | 118 | Basic Metallurgy and Weld Testing Applications | 2 hrs. | | |
| WELD | 220 | Introduction to Pipe Welding | 3 hrs. | | |
| WELD | 221 | Pipe Welding/API Code | 3 hrs. | | |
| PSYC | 1110 | Introduction to Psychology | 3 hrs. | | |
| OR | | | | | |
| SOCI | 1110 | Introduction to Sociology | 3 hrs. | | |
| *MATH | 1130 | Survey of Mathematics | 3 hrs. | | |
| | | | 14 hrs. | | |

| Spring Semester | | | Credit Hours | Grade | Semester |
|-----------------|------|---------------------------|----------------|-------|----------|
| *WELD | 215 | Structural Welding | 3 hrs. | | |
| WELD | 222 | Pipe Welding/ASME Code | 3 hrs. | | |
| *WELD | 232 | Pipe Fitting for Welders | 2 hrs. | | |
| *WELD | 233 | Welding Fabrication | 2 hrs. | | |
| BCIS | 1115 | Introduction to Computers | 3 hrs. | | |
| | | | 13 hrs. | | |

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|--|----------------|
| TOTAL HOURS REQUIRED FOR DEGREE | 60 hrs. |
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***Prerequisites:**

| | | |
|------|------|--|
| ENGL | 2210 | Professional & Technical Communication <i>Prerequisite: Satisfactory ACT scores or Placement Exam scores or ENG 096</i> |
| MATH | 1130 | Survey of Mathematics <i>Prerequisite: Satisfactory ACT scores or Math 097/098 ("C" or better).</i> |
| WELD | 202 | Gas Metal Arc II <i>Prerequisite: WELD 110, WELD 115, WELD 125, WELD 131 & WELD 135</i> |
| WELD | 203 | Gas Tungsten Arc II <i>Prerequisite: WELD 110, WELD 115, WELD 125, WELD 131 & WELD 135</i> |
| WELD | 215 | Structural Welding <i>Prerequisite: WELD 110, WELD 115, WELD 125, WELD 131 & WELD 135</i> |
| WELD | 232 | Pipe Fitting for Welders <i>Prerequisite: WELD 221, WELD 222, or consent of instructor</i> |
| WELD | 233 | Welding Fabrication <i>Prerequisite: WELD 110, WELD 115, WELD 118, WELD 125, WELD 131, WELD 132 & WELD 135</i> |

****ENMU-Roswell General Education**

- I. Communication
- II. Mathematics
- III. Laboratory Science
- IV. Social and Behavioral Sciences
- V. Humanities
- VI. Fine and Creative Arts