



# LEARNING AND CAREER PATHWAY

## Welding Technology

### Associate in Science (AS) Degree and Certificate

#### Placement

Enrollment in college level English and Mathematics courses requires appropriate placement as defined by AB705. All students should see a counselor for a customized Student Education Plan (SEP) before enrolling in college courses. The SEP provides students with individually appropriate course recommendations and accounts for course prerequisite sequencing.

#### Transfer Preparation

Associate degrees require the completion of certain general education courses. Transfer programs may require the completion of additional coursework depending on the institution. It is advisable to meet with an academic counselor for more information.

#### Associate Degree Course Sequence

The schedule below is based on a fall semester start and completion of appropriate prerequisites.

|   |          |            |                 |                                     |                                   |
|---|----------|------------|-----------------|-------------------------------------|-----------------------------------|
| <b>Fall<br/>1<sup>st</sup> Semester</b>   | WELD 100 | POLS 102   | ENGL 110        | PE 100                              |                                   |
| Units (14)                                | 5        | 3          | 4               | 2                                   |                                   |
| IVC GE Req                                | IA       | IIIA       | IVB + VA1       | IIIC                                |                                   |
| CSU GE-B Req                              |          |            |                 |                                     |                                   |
| IGETC Req                                 |          |            |                 |                                     |                                   |
| <b>Spring<br/>2<sup>nd</sup> Semester</b> | WELD 125 | WELD 135   | HE 102          | Communication & Analytical Thinking | Social & Behavioral Science       |
| Units (16)                                | 3        | 4          | 3               | 3                                   | 3                                 |
| IVC GE Req                                | IA       | IA         | IIIB            | VA2                                 | VD                                |
| CSU GE-B Req                              |          |            |                 |                                     |                                   |
| IGETC Req                                 |          |            |                 |                                     |                                   |
| <b>Fall<br/>3<sup>rd</sup> Semester</b>   | WELD 230 | WELD 115   | HIST 120 or 121 | PE Activity                         | MATH 091                          |
| Units (15)                                | 3        | 3          | 3               | 1                                   | 5                                 |
| IVC GE Req                                | IA       | IA         | IIIA            | IIIC                                | IVA                               |
| CSU GE-B Req                              |          |            |                 |                                     |                                   |
| IGETC Req                                 |          |            |                 |                                     |                                   |
| <b>Spring<br/>4<sup>th</sup> Semester</b> | WELD 225 | Humanities | Natural Science | Elective                            | Elective needed to reach 60 units |
| Units (15)                                | 3        | 3          | 3               | 3                                   | 3                                 |
| IVC GE Req                                | IA       | VC         | VB              | VE                                  | IIB                               |
| CSU GE-B Req                              |          |            |                 |                                     |                                   |
| IGETC Req                                 |          |            |                 |                                     |                                   |

Total Units: 60

### Certificate Course Sequence

The schedule below is based on a fall semester start and completion of appropriate prerequisites.

|   |          |          |  |  |  |
|---|----------|----------|--|--|--|
| <b>Fall<br/>1<sup>st</sup> Semester</b>   | WELD 100 |          |  |  |  |
| Units (5)                                 | 5        |          |  |  |  |
| <b>Spring<br/>2<sup>nd</sup> Semester</b> | WELD 125 | WELD 135 |  |  |  |
| Units (7)                                 | 3        | 4        |  |  |  |
| <b>Fall<br/>3<sup>rd</sup> Semester</b>   | WELD 230 | WELD 115 |  |  |  |
| Units (6)                                 | 3        | 3        |  |  |  |
| <b>Spring<br/>4<sup>th</sup> Semester</b> | WELD 225 |          |  |  |  |
| Units (3)                                 | 3        |          |  |  |  |

Total Units: 21