



# Program Planning Guide

## Welding Technology Associate in Applied Science Degree (A50420)

**Program Length:** 5 semesters

**Program Sites:** Lee Main Campus - Day Program

**Career Pathway Options:** Associate in Applied Science Degree in Welding Technology

| Suggested Course Schedule     |                             | Class      | Lab       | Work     | Credits      | Notes: |
|-------------------------------|-----------------------------|------------|-----------|----------|--------------|--------|
| <b>1st Semester (fall)</b>    |                             |            |           |          |              |        |
| ACA 122                       | College Transfer Success    | 0          | 2         | 0        | 1            |        |
| BPR 111                       | Print Reading               | 1          | 2         | 0        | 2            |        |
| ISC 110                       | Workplace Safety            | 1          | 0         | 0        | 1            |        |
| WLD 110                       | Cutting Processes           | 1          | 3         | 0        | 2            |        |
| WLD 115                       | SMAW (Stick) Place          | 2          | 9         | 0        | 5            |        |
| CIS 111                       | Basic PC Literacy           | 1          | 2         | 0        | 2            |        |
| Mathematics                   | See list below              | 2/3        | 2         | 0        | 3/4          |        |
|                               | <b>Total Semester Hours</b> | <b>8/9</b> | <b>20</b> | <b>0</b> | <b>16/17</b> |        |
| <b>2nd Semester (spring)</b>  |                             |            |           |          |              |        |
| WLD 121                       | GMAW (MIG) FCAW/Plate       | 2          | 6         | 0        | 4            |        |
| WLD 131                       | GTAW (TIG) Plate            | 2          | 6         | 0        | 4            |        |
| WLD 141                       | Symbols & Specifications    | 2          | 2         | 0        | 3            |        |
| English, take one:            |                             | 3          | 0         | 0        | 3            |        |
| ENG 110                       | Freshman Composition        |            |           |          |              |        |
| ENG 111                       | Writing & Inquiry           |            |           |          |              |        |
|                               | <b>Total Semester Hours</b> | <b>9</b>   | <b>14</b> | <b>0</b> | <b>14</b>    |        |
| <b>3rd Semester (summer)</b>  |                             |            |           |          |              |        |
| WLD 116                       | SMAW (Stick) Plate/Pipe     | 1          | 9         | 0        | 4            |        |
| Humanities/Fine Arts Elective |                             | 3          | 0         | 0        | 3            |        |
|                               | <b>Total Semester Hours</b> | <b>4</b>   | <b>9</b>  | <b>0</b> | <b>7</b>     |        |
|                               |                             |            |           |          |              |        |



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|                                                                |                             |           |           |          |           |  |
|----------------------------------------------------------------|-----------------------------|-----------|-----------|----------|-----------|--|
| <b>4th Semester (fall)</b>                                     |                             |           |           |          |           |  |
| WLD 151                                                        | Fabrication I               | 2         | 6         | 0        | 4         |  |
| WLD 261                                                        | Certification Practices     | 1         | 3         | 0        | 2         |  |
| WLD 262                                                        | Inspections and Testing     | 2         | 2         | 0        | 3         |  |
| WLD 265                                                        | Automated Welding/Cutting   | 2         | 6         | 0        | 4         |  |
| Communications Elective                                        |                             | 3         | 0         | 0        | 3         |  |
|                                                                | <b>Total Semester Hours</b> | <b>10</b> | <b>17</b> | <b>0</b> | <b>16</b> |  |
| <b>5th Semester (spring)</b>                                   |                             |           |           |          |           |  |
| MEC 111                                                        | Machine Processes           | 1         | 4         | 0        | 3         |  |
| WLD 132                                                        | GTAW (TIG) Plate Pipe       | 1         | 6         | 0        | 3         |  |
| WLD 215                                                        | SMAW (Stick) Pipe           | 1         | 9         | 0        | 4         |  |
| WLD 251                                                        | Fabrication II              | 1         | 6         | 0        | 3         |  |
| Social/Behavioral Science Elective                             |                             | 3         | 0         | 0        | 3         |  |
|                                                                | <b>Total Semester Hours</b> | <b>7</b>  | <b>25</b> | <b>0</b> | <b>16</b> |  |
| <b>Total Semester Hours Credit Required for Graduation: 69</b> |                             |           |           |          |           |  |