

**OCCUPATIONAL CERTIFICATE (CERT) AWC ADVISEMENT CHECK SHEET****WELDING CERTIFICATE OF PROFICIENCY GMAW (GAS METAL ARC WELDING)/  
FCAW (FLUX CORE ARC WELDING) PLATE**

|                     |             |                |                                              |  |  |
|---------------------|-------------|----------------|----------------------------------------------|--|--|
| <b>Student Name</b> | <b>ID #</b> | <b>Advisor</b> | <b>Major Code: CERT.GMAW<br/>Credits: 19</b> |  |  |
|---------------------|-------------|----------------|----------------------------------------------|--|--|

Graduates will demonstrate (1) basic knowledge in the welding field required of an entry level employee in the industry and (2) competency in critical thinking quantitative analysis, and technological applications.

| <b>Required Major Courses (16 credits)</b>         |                                        | <b>Cr</b> | <b>Gr</b> | <b>Sem</b> | <b>App*</b> | <b>Notes</b> |
|----------------------------------------------------|----------------------------------------|-----------|-----------|------------|-------------|--------------|
| MAT 106                                            | Mathematics for Welders                | 3         |           |            |             |              |
| WLD 104                                            | Techniques in Flux Core Arc Welding    | 3         |           |            |             |              |
| WLD 109                                            | Techniques in Gas Metal Arc Welding    | 3         |           |            |             |              |
| WLD 125                                            | Welding Design, Layout and Fabrication | 3         |           |            |             |              |
| WLD 201                                            | Introduction to Robotic Welding        | 4         |           |            |             |              |
| <b>Other Departmental Requirements (3 Credits)</b> |                                        |           |           |            |             |              |
| DFT 100                                            | AutoCAD 1 - Drafting                   | 3         |           |            |             |              |
|                                                    |                                        |           |           |            |             |              |
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