WELDING AND METAL FABRICATION TECHNOLOGY
CERTIFICATE OF APPLIED SCIENCE

ADVISING WORKSHEET 2019-2020

Name __________________________________________________________

Jacket Student Central
Phone: 406-247-3019
Fax: 406-247-3095

Student ID ________________________________

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Grade</th>
<th>Semester</th>
<th>Equivalent</th>
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Required Preparatory Courses

General Education Requirements

CAPP 120 Introduction to Computers 3
COMX 106 Communicating in a Dynamic Workplace 3
WRIT 104 Workplace Communication 3
M 111 Technical Mathematics 3

*Students are encouraged to pursue the college level math and writing classes if possible

Required Courses

WLDG 117 Blueprint Reading and Welding Symbols 3
WLDG 124 Welding Theory Tech/Safety 3
WLDG 125 Cutting and Shielded Metal Arc Welding Lab 5
WLDG 126 Shield Metal Arc Welding Lab 4
WLDG 153 Metal Fabrication Basics 3
WLDG 154 Metal Fabrication Basics Lab 3
WLDG 156 Semi-Automatic Welding 2
WLDG 157 Semi-Automatic and SMAW Lab 5

TOTAL MINIMUM CREDITS REQUIRED 40
A grade of “C” (2.0) or higher is mandatory in all courses

Suggested Plan of Study

<table>
<thead>
<tr>
<th>First Semester Credits</th>
<th>Second Semester Credits</th>
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<tbody>
<tr>
<td>COMX 106 3</td>
<td>CAPP 120 3</td>
</tr>
<tr>
<td>WRIT 104 3</td>
<td>M 111 3</td>
</tr>
<tr>
<td>WLDG 117 3</td>
<td>WLDG 153 3</td>
</tr>
<tr>
<td>WLDG 124 5</td>
<td>WLDG 154 3</td>
</tr>
<tr>
<td>WLDG 125 4</td>
<td>WLDG 156 2</td>
</tr>
<tr>
<td>WLDG 126 3</td>
<td>WLDG 157 5</td>
</tr>
<tr>
<td>TOTAL 21</td>
<td>TOTAL 19</td>
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</table>

Transcript evaluation (if applicable completed) by: _________________________ on __/___/_____

Updated 5/7/2019
Program Specific Information

- The minimum requirements to start any WLDG course is placement into WRIT 104 and a COMPASS Reading score of 72, Accuplacer Reading score of 66, or a NextGen Accuplacer Reading score of 240.

- Students can start working on General Education courses before starting WLDG courses.

- WLDG courses are a fall semester start only.

- For students that complete the Welding & Metal Fabrication Certificate of Applied Science and choose to continue into the Welding and Metal Fabrication Associate of Applied Science degree, they will need to complete WRIT 122 and M 114, the required General Education writing and math courses for the degree. WRIT 122 can substitute WRIT 104 and M 111 can substitute M 114 in the certificate.

- Students will be required to purchase or supply tools for this program. Tool and vendor lists are available at http://msubillings.edu/citycollege/programs/ProgWelding.htm or in Jacket Student Central.

- Graduates can find work in structural and steel fabrication shops with heavy equipment rebuilders and manufactures, mining, refineries, and other energy related enterprises.

- MSUB Advising & Career Services assists with Cooperative Education Internships where you can work with professionals in your chosen career field, develop a network of contacts in your career field, and have the potential to earn a salary while doing it. For further information, go to http://www.msubillings.edu/careers/ or contact the Cooperative Education Specialist at 406-657-1717.

- Students that earn an Associate of Applied Science degree and want to further their education, thus career; are able to go on for a Bachelor of Applied Science degree through MSUB. There are various thematic concentrations that a student can focus on to earn a BAS degree, one of which is Business. Contact Jacket Student Central or contact MSUB Advising & Career Services at 406-657-2240 for further details.
# 2019-2020 CAS Welding & Metal Fabrication Technology
## Plan of Study

Name__________________________________________________

Student ID _____________________________________________

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<tbody>
<tr>
<td>WLDG 117</td>
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<tr>
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<td>WLDG 157</td>
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<tr>
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</table>

**Total**

Number of earned credits that apply toward certificate: ______________________________

Number of credits left to earn for certificate:  ______________________________________

**CERTIFICATION:** The courses listed are **required** for the student’s certificate.

Advisor’s Signature: _________________________________ Date: ________________

Student’s Signature: _________________________________ Date: ________________