# AAS in Welding to BAAS in Manufacturing and Industrial Management Guided Pathway 2019-2020 Catalog

## First Year – Trinity Valley Community College

<table>
<thead>
<tr>
<th>FIRST SEMESTER</th>
<th>SECOND SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDUC/PSYC 1300 Learning Frameworks</td>
<td>WLDG 1435 Introduction to Pipe Welding</td>
</tr>
<tr>
<td>WLDG 1521 Welding Fundamentals</td>
<td>Core HIST, GOVT, or Social/Behavior Science</td>
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<tr>
<td>WLDG 1323 Welding Safety, Tools and Equipment</td>
<td>WLDG 1530 Intro to Gas Metal Arc Welding (GMAW)</td>
</tr>
<tr>
<td>WLDG 1317 Introduction to Layout and Fabrication</td>
<td>MATH 1332 Contemporary Math I</td>
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## Second Year – Trinity Valley Community College

It’s best to apply to Tarleton State University a full semester before you plan to transfer. It will help if you submit a copy of this pathway with your application.

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<th>FIRST SEMESTER</th>
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<tbody>
<tr>
<td>WLDG 1557 Intermediate Metal Arc Welding</td>
<td>WLDG 2543 Advanced Shielded Metal Arc Welding</td>
</tr>
<tr>
<td>Welding Elective</td>
<td>BCIS 1305 Business Computer Applications</td>
</tr>
<tr>
<td>Language, Philosophy &amp; Culture/Creative Arts</td>
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<tr>
<td>ENGL 1301 Composition I</td>
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<tr>
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<tr>
<td>SEMESTER FIVE</td>
<td>SUMMER ONE 6 WEEKS</td>
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<tr>
<td>WLDG 2506 Intermediate Pipe Welding</td>
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<tr>
<td>WLDG 2553 Advanced Pipe Welding</td>
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## AAS: Welding

You will need to apply for the associate’s degree at your community college. Contact your advisor there for more information.

## Third Year – Tarleton State University

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<thead>
<tr>
<th>FIRST SEMESTER</th>
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<tbody>
<tr>
<td>ENGT 3303 Industrial Materials</td>
<td>ENGT 4336 Production Planning</td>
</tr>
<tr>
<td>*MATH 1316 Plane Trigonometry OR Math 1342 Statistics</td>
<td>ENGT 3395 Project Management</td>
</tr>
<tr>
<td>ENGT 3386 Quality Management</td>
<td>Advanced ENGT Course</td>
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<tr>
<td>*ENGL 1302 – Composition II</td>
<td>*Science Core</td>
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<tr>
<td>*Science Core</td>
<td>*GOVT 2306 Texas Government</td>
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<tr>
<td>SUMMER</td>
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<tr>
<td>*HIST 1301 United States History I</td>
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## Fourth Year - Tarleton State University

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<tr>
<th>FIRST SEMESTER</th>
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<tbody>
<tr>
<td>ENGT 4346 Manufacturing Management</td>
<td>ENGT 3375 Continuous Improvement</td>
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<tr>
<td>Advanced ENGT Course</td>
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<td>*Arts Core</td>
<td>*HIST 1302 United States History II</td>
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<tr>
<td>SUMMER</td>
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<td>*GOVT 2305 Federal Government</td>
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This is not an official degree plan. Check with an advisor; degree plans may change in later catalogs.

Part-time students may also follow this sequence. Developmental coursework may be required.

* You may take a different course to meet this requirement. A specific list is available from your advisor.

* This course counts for the Core Curriculum at any public college or university in Texas.

For questions about the University portion of this guided pathway, Contact the Engineering Technology Department at (254)968-9010 or Engineering.Technology@tarleton.edu.