

# Assessment: Program Four Column



## Acad Program - Welding Technology (TD)

<i>Program Learning Outcomes</i>	<i>Assessment Methods</i>	<i>Assessment Results</i>	<i>Action Taken (Use of Results)</i>
<p><b>PLO 1</b> - Upon successful completion of this course, the student will be able to: Demonstrate fundamental proficiencies in the use of hand tools, portable, and power equipment.</p> <p><b>Outcome Status:</b> Active/Ongoing <b>Assessment Year:</b> 2016 - 2017, 2017 - 2018, 2022 - 2023, 2023 - 2024 <b>Start Date:</b> 07/01/2016</p>	<p><b>Demonstration</b> - NCCER Performance Profile <b>Criterion:</b> 60% of the students in WELD 1110 successfully passed the NCCER Performance Profile</p>	<p><b>Reporting Period:</b> 2022 - 2023 EoY <b>Result Type:</b> Criterion Met 87% of the students in WELD 1110 successfully passed the NCCER Performance Profile (06/01/2023) <b>Analysis:</b> After reviewing the result we have determined that the students receive the necessary knowledge and skills needed to complete WELD 1110.</p>	<p><b>Action Taken (Use of Results):</b> 87% of all students taking the WELD 1110 earned passing grades which exceed the criterion. We will continue to review this goal. (06/01/2023)</p>
<p><b>PLO 3</b> - Students will be able to preform Perform a 2F, 3F, and 4F position fillet weld using 3/32-7018 and 1/8-6010+electrodes. <b>Outcome Status:</b> Active/Ongoing <b>Assessment Year:</b> 2016 - 2017, 2017 - 2018, 2021 - 2022, 2022 - 2023, 2023 - 2024 <b>Start Date:</b> 07/01/2016</p>	<p><b>Demonstration</b> - A performance test will be given in the 2F, 3F, and 4F positions. Using a 3/32-7018 and 1/8-6010+electodes <b>Criterion:</b> 60% of the students in WELD 1411 successfully passed the performance test</p>	<p><b>Reporting Period:</b> 2022 - 2023 EoY <b>Result Type:</b> Criterion Met 70% of the students in WELD 1411 successfully passed the performance test (06/01/2023) <b>Analysis:</b> After a review of the data it was determined that the Criterion was met and no changes may be made at this time.</p>	<p><b>Action Taken (Use of Results):</b> 70% of students met this outcome and it is determined that at this time no changes are necessary. (06/01/2023)</p>
<p><b>PLO 4</b> - Students will be able to preform a shielded metal arc welding 6G uphill pipe weld using 3/32-7018 and 1/8-6010+electrodes. <b>Outcome Status:</b> Active/Ongoing <b>Assessment Year:</b> 2016 - 2017, 2017 - 2018, 2021 - 2022, 2022 - 2023, 2023 - 2024</p>	<p><b>Demonstration</b> - A performance test will be given on a shielded metal arc welding 6G uphill pipe weld. Using a 3/32-7018 and 1/8-6010+electodes. <b>Criterion:</b> 60% of the students in WELD 1517 will successfully passed the performance test</p>	<p><b>Reporting Period:</b> 2022 - 2023 EoY <b>Result Type:</b> Criterion Met 66.5% of the students in WELD 1517 successfully passed the performance test (06/01/2023) <b>Analysis:</b> After a review of the data it was determined that the Criterion was met and no changes may be made at this time.</p>	<p><b>Action Taken (Use of Results):</b> 66.5% of students successfully met this outcome. Currently it has been determined that at this time no changes are necessary. (06/01/2023)</p>

<i>Program Learning Outcomes</i>	<i>Assessment Methods</i>	<i>Assessment Results</i>	<i>Action Taken (Use of Results)</i>
<p><b>Start Date:</b> 07/01/2016</p> <p><b>PLO 5</b> - Students will be able to preform Perform a gas tungsten arc welding 6G pipe weld using ER70s-6 filler metal.</p> <p><b>Outcome Status:</b> Active/Ongoing</p> <p><b>Assessment Year:</b> 2016 - 2017, 2017 - 2018, 2021 - 2022, 2022 - 2023, 2023 - 2024</p> <p><b>Start Date:</b> 07/01/2018</p>	<p><b>Demonstration</b> - A performance test will be given on a gas tungsten arc welding 6G pipe weld. Using ER70s-6 Filler.</p> <p><b>Criterion:</b> 50% of students in WELD 2222 will successfully passed the performance test</p>	<p><b>Reporting Period:</b> 2022 - 2023 EoY</p> <p><b>Result Type:</b> Criterion Met</p> <p>100% of the students in WELD 2222 successfully passed the performance test (06/01/2023)</p> <p><b>Analysis:</b> After a review of the data it was determined that the Criterion was met and no changes may be made at this time.</p>	<p><b>Action Taken (Use of Results):</b></p> <p>100% of students met this outcome and it is determined that at this time no changes are necessary. (06/01/2023)</p>
<p><b>PLO 2</b> - Upon successful completion of this course students will be able to analyze drawings and specifications related to welding problems and jobs.</p> <p><b>Outcome Status:</b> Active/Ongoing</p> <p><b>Assessment Year:</b> 2016 - 2017, 2017 - 2018, 2021 - 2022, 2022 - 2023, 2023 - 2024</p> <p><b>Start Date:</b> 07/01/2017</p>	<p><b>Demonstration</b> - NCCER Performance Profile</p> <p><b>Criterion:</b> 60% of the students in WELD 1120 successfully passed the NCCER Performance Profile</p>	<p><b>Reporting Period:</b> 2022 - 2023 EoY</p> <p><b>Result Type:</b> Criterion Met</p> <p>67.5% of the students in WELD 1120 successfully passed the NCCER Performance Profile (06/01/2023)</p> <p><b>Analysis:</b> After a review of the data it was determined that the Criterion was met and no changes may be made at this time.</p>	<p><b>Action Taken (Use of Results):</b></p> <p>67.5% of students met this outcome and it is determined that at this time no changes are necessary. (06/01/2023)</p>
<p><b>PLO 6</b> - Upon successful completion of this course, the student will be able to:</p> <p>Demonstrate knowledge of safety procedures, hazards, housekeeping, and appropriate cautions in the welding industry.</p> <p><b>Outcome Status:</b> Active/Ongoing</p> <p><b>Assessment Year:</b> 2016 - 2017, 2017 - 2018, 2022 - 2023, 2023 - 2024</p> <p><b>Start Date:</b> 07/01/2016</p>	<p><b>Demonstration</b> - NCCER Performance Profile</p> <p><b>Criterion:</b> 60% of the students in WELD 1110 successfully passed the NCCER Performance Profile</p>	<p><b>Reporting Period:</b> 2022 - 2023 EoY</p> <p><b>Result Type:</b> Criterion Met</p> <p>87% of the students in WELD 1110 successfully passed the NCCER Performance Profile (06/01/2023)</p> <p><b>Analysis:</b> After reviewing the result we have determined that the students receive the necessary knowledge and skills needed to complete WELD 1110.</p>	<p><b>Action Taken (Use of Results):</b></p> <p>87% of all students taking the WELD 1110 earned passing grades which exceed the criterion. We will continue to review this goal. (06/01/2023)</p>