

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>PLO 1 - 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>Outcome Status: Active/Ongoing Assessment Year: 2016 - 2017, 2017 - 2018, 2022 - 2023, 2023 - 2024 Start Date: 07/01/2016</p>	<p>Demonstration - NCCER Performance Profile Criterion: 60% of the students in WELD 1110 successfully passed the NCCER Performance Profile</p>	<p>Reporting Period: 2021 - 2022 EoY Result Type: Criterion Met 84% of the students in WELD 1110 successfully passed the NCCER Performance Profile (06/01/2022) Analysis: After reviewing the result we have determined that the students receive the necessary knowledge and skills needed to complete WELD 1110.</p>	<p>Action Taken (Use of Results): 84% of all students taking the WELD 1110 earned passing grades which exceed the criterion. We will continue to review this goal. (06/01/2022)</p>
<p>PLO 3 - Students will be able to preform Perform a 2F, 3F, and 4F position fillet weld using 3/32-7018 and 1/8-6010+electrodes. Outcome Status: Active/Ongoing Assessment Year: 2016 - 2017, 2017 - 2018, 2021 - 2022, 2022 - 2023, 2023 - 2024 Start Date: 07/01/2016</p>	<p>Demonstration - A performance test will be given in the 2F, 3F, and 4F positions. Using a 3/32-7018 and 1/8-6010+electodes Criterion: 60% of the students in WELD 1411 successfully passed the performance test</p>	<p>Reporting Period: 2021 - 2022 EoY Result Type: Criterion Met 74% of the students in WELD 1411 successfully passed the performance test (06/01/2022) Analysis: 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>Action Taken (Use of Results): 74% of students met this outcome and it is determined that at this time no changes are necessary. (06/01/2022)</p>
<p>PLO 4 - Students will be able to preform a shielded metal arc welding 6G uphill pipe weld using 3/32-7018 and 1/8-6010+electrodes. Outcome Status: Active/Ongoing Assessment Year: 2016 - 2017, 2017 - 2018, 2021 - 2022, 2022 - 2023, 2023 - 2024</p>	<p>Demonstration - 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. Criterion: 60% of the students in WELD 1517 will successfully passed the performance test</p>	<p>Reporting Period: 2021 - 2022 EoY Result Type: Criterion Met 70% of the students in WELD 1517 successfully passed the performance test (06/01/2022) Analysis: 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>Action Taken (Use of Results): 70% of students successfully met this outcome. Currently it has been determined that at this time no changes are necessary. (06/01/2022)</p>

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<p>Start Date: 07/01/2016</p> <p>PLO 5 - Students will be able to preform Perform a gas tungsten arc welding 6G pipe weld using ER70s-6 filler metal. Outcome Status: Active/Ongoing Assessment Year: 2016 - 2017, 2017 - 2018, 2021 - 2022, 2022 - 2023, 2023 - 2024 Start Date: 07/01/2018</p>	<p>Demonstration - A performance test will be given on a gas tungsten arc welding 6G pipe weld. Using ER70s-6 Filler. Criterion: 50% of students in WELD 2222 will successfully passed the performance test</p>	<p>Reporting Period: 2021 - 2022 EoY Result Type: Criterion Met 100% of the students in WELD 2222 successfully passed the performance test (06/01/2022) Analysis: 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>Action Taken (Use of Results): 100% of students successfully met this outcome. Currently it has been determined that at this time no changes are necessary. (06/01/2022)</p>
<p>PLO 2 - Upon successful completion of this course students will be able to analyze drawings and specifications related to welding problems and jobs. Outcome Status: Active/Ongoing Assessment Year: 2016 - 2017, 2017 - 2018, 2021 - 2022, 2022 - 2023, 2023 - 2024 Start Date: 07/01/2017</p>	<p>Demonstration - NCCER Performance Profile Criterion: 60% of the students in WELD 1120 successfully passed the NCCER Performance Profile</p>	<p>Reporting Period: 2021 - 2022 EoY Result Type: Criterion Met 84% of the students in WELD 1120 successfully passed the NCCER Performance Profile (06/01/2022) Analysis: After a review of the data it was determined that the Criterion was met and no changes are needed at this time.</p>	<p>Action Taken (Use of Results): 84% of students met this outcome and it is determined that at this time no changes are necessary. (06/01/2022)</p>
<p>PLO 6 - Upon successful completion of this course, the student will be able to: Demonstrate knowledge of safety procedures, hazards, housekeeping, and appropriate cautions in the welding industry. Outcome Status: Active/Ongoing Assessment Year: 2016 - 2017, 2017 - 2018, 2022 - 2023, 2023 - 2024 Start Date: 07/01/2016</p>	<p>Demonstration - NCCER Performance Profile Criterion: 60% of the students in WELD 1110 successfully passed the NCCER Performance Profile</p>	<p>Reporting Period: 2021 - 2022 EoY Result Type: Criterion Met 84% of the students in WELD 1110 successfully passed the NCCER Performance Profile (06/01/2022) Analysis: After reviewing the result we have determined that the students receive the necessary knowledge and skills needed to complete WELD 1110.</p>	<p>Action Taken (Use of Results): 84% of all students taking the WELD 1110 earned passing grades which exceed the criterion. We will continue to review this goal. (06/01/2022)</p>