

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>Occupational Orientation & Safety - Upon successful completion of this course, the student will be able to: Identify and apply basic safety skills in Hand tools, Power tools, general safety procedures, and welding practices at all times.</p> <p>Outcome Status: Active/Ongoing Assessment Year: 2016 - 2017, 2017 - 2018 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: 2019 - 2020 EoY Result Type: Criterion Met 80% of the students in WELD 1110 successfully passed the NCCER Performance Profile (07/01/2020) 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): 80% of all students taking the WELD 1110 earned passing grades which exceed the criterion of 70%. The Instructors and the Dean will continue to review the the results for further changes. (07/01/2020)</p>
<p>Fillet Weld - Students will be able to 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 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: 2019 - 2020 EoY Result Type: Criterion Met 74% of the students in WELD 1411 successfully passed the performance test (07/01/2020) 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): Students met this outcome. and it was determined that at this time no changes are necessary at this time. This criterion will be reviewed at the end of each year. (07/01/2020)</p>
<p>SMAW - Students will be able to perform 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 Start Date: 07/01/2016</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: 2019 - 2020 EoY Result Type: Criterion Not Met 50% of the students in WELD 1517 successfully passed the performance test. (07/01/2020) Analysis: After a review of the data it was determined that students struggle with being successful on this outcome.</p>	<p>Action Taken (Use of Results): While only 50% of the students were successful the criterion was not met it is decided that the goal will remain at 60% and be reviewed next year. (07/01/2020)</p>

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<p>GTAW - 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 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: 2019 - 2020 EoY Result Type: Criterion Met 50% of the students in WELD 2222 successfully passed the performance text (07/01/2020) Additional Notes: Analysis: After a review of the data it is observed that students struggled with success on this outcome. it is determined that the criterion does not need to change.</p>	<p>Action Taken (Use of Results): A review of the criterion was done and it was determined that there is know need for adjusting the goal. (07/01/2020)</p>
<p>Basic Blueprint, Metallurgy, and Weld Symbols - 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 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: 2019 - 2020 EoY Result Type: Criterion Met 97% of the students in WELD 1120 successfully passed the NCCER Performance Profile (07/01/2020) Analysis: After a review of the data students were successful with this outcome.</p>	<p>Action Taken (Use of Results): Students did very well with this outcome and with 97% passing the performance profile. the performance profile. The Criterion will stay the same. (07/01/2020)</p>