

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: 2018 - 2019 EoY Result Type: Criterion Met 31/35 (88%) of the students in WELD 1110 successfully passed the NCCER Performance Profile (07/23/2019) Analysis: after review of the result we have determined that the students receiving the necessary knowledge and skills need to successfully complete WELD 1110.</p>	<p>Action Taken (Use of Results): 88% of all students taking the WELD 1110 earned passing grades which exceeds the criterion of 60%, after review the it was determined that the goal will be increased to 70% passing for 2018-19. (07/23/2019) Follow-Up: Non at this time (07/23/2019)</p>
<p>Fillet Weld - 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 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: 2018 - 2019 EoY Result Type: Criterion Met 24/40 (60%) of the students in WELD 1411 successfully passed the performance test (07/24/2019) 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. but it is determined that at this time no changes are necessary at this time. this criterion will be reviewed at mid year to determine if the criterion needs to be changed at the end of the fall. (07/24/2019)</p>
<p>SMAW - 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 -</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</p>	<p>Reporting Period: 2018 - 2019 EoY Result Type: Criterion Not Met 1/7(14%) of the students in WELD 1517 successfully passed the performance test (07/01/2019) Analysis: After a review of the data it was determined that students struggled with being successful on this outcome.</p>	<p>Action Taken (Use of Results): While the 60% criterion was not met and only 14% of students passed the performance it is decided that the goal will remain 60% and training will be expanded</p>

Program Learning Outcomes	Assessment Methods	Assessment Results	Action Taken (Use of Results)
2018 Start Date: 07/01/2016	the performance test		to include more hands-on training practice in this area. (07/24/2019) Follow-Up: Follow up at the end of the fall semester to review student progress. (07/24/2019)
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	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	Reporting Period: 2018 - 2019 EoY Result Type: Criterion Met 1/2 (50%) of the students in WELD 2222 successfully passed the performance text (07/24/2019) Analysis: After a review of the data it is observed that students struggled with success on this outcome. However, More hands-on training will be offered in this area.	Action Taken (Use of Results): More hands-on training will be offered in WELD 2222 and a review and a review will be done at the end of the fall to determine if the criterion will need to be adjusted for the 2019/2020 year. (07/24/2019)
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	Demonstration - NCCER Performance Profile Criterion: 60% of the students in WELD 1120 successfully passed the NCCER Performance Profile	Reporting Period: 2018 - 2019 EoY Result Type: Criterion Met 26/35 (75%) of the students in WELD 1120 successfully passed the NCCER Performance Profile (07/24/2019) Analysis: After a review of the data students did very well with this outcome.	Action Taken (Use of Results): Students did very well with this outcome and with 75% passing the performance profile. The Criterion will be set at 70% for 2019/2020. (07/24/2019) Follow-Up: Due to the success with this PLO follow up will happen at the end of the spring semester. but will be monitored through out the year. (05/05/2019)