

Welding Technology PLOs 2018-2019



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, 2018-2019 Start Date: 07/01/2016</p>	<p>Demonstration - NCCER Performance Profile Criterion: 70% of the students in WELD 1110 successfully passed the NCCER Performance Profile</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, 2018-2019 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+electrodes Criterion: 60% of the students in WELD 1411 successfully passed the performance test</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 -</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+electrodes. Criterion: 60% of the students in WELD 1517 will successfully passed</p>		

<i>Program Learning Outcomes</i>	<i>Assessment Methods</i>	<i>Assessment Results</i>	<i>Action Taken (Use of Results)</i>
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2018
Start Date: 07/01/2016

the performance test

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, 2018-2019
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

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, 2018-2019
Start Date: 07/01/2017

Demonstration - NCCER Performance Profile
Criterion: 75% of the students in WELD 1120 successfully passed the NCCER Performance Profile