Assessment: Course Four Column



Courses (CTE) - Welding

WELD 135:Welding for the Maintenance Technician I

Course Outcomes	Assessment Measures	Results				Actions
Satisfactory welds in the flat position using SMAW Satisfactory welds in	Demonstrate - The students will demonstrate his or her ability to	Reporting Period: 2016-2017 Criterion Met: No				Action: Students that were falling behind on their laboratory
using SMAW Satisfactory welds in the flat position using SMAW. Course Outcome Status: Active Next Assessment: 2021-2022 Start Date: 10/23/2017	demonstrate his or her ability to produce satisfactory welds, set forth by the instructor. These welds will be judged for soundness and quality as set forth by the American Welding Society's D1.1 Structural Welding Code. Criterion: 90% of the students in the WELD 135 course will achieve 75% or better grade on flat laboratory assignments that are judged in accordance to the American Welding Society's D1.1 Structural Welding Code.	Criterio 85 85 92 80 85 85 90 90 85 90 85 94 90 80 80 80 90	n Met: No 85 80 80 80 90 80 85 70 90 90 80 80 80 70	80 0 85 80 80 70 0 90 0 92 80 80 80 80 50	95 0 0 80 80 85 0 85 0 95 80 80 80 85 0	behind on their laboratory assignments were informed that they should seek more laboratory time which was not used vary widely by students. The homework scores were also low. More time should be spent on home work. Going forward students need to see a progression in their skill. Students will be responsible to save all laboratory assignments until the end of course so that they can physically see their improvement. The students also need to see a
		92 95	85 95	90 95	94 98 (10/23/2017)	practical application for their laboratory assignments. Students will build or repair projects so that

Satisfactory cuts, piercing and beveling on thick sections of steel using an Oxyacetylene cutting torch.

- Satisfactory cuts, piercing and beveling on thick sections of steel using an Oxyacetylene cutting torch.

Demonstrate - The students will demonstrate his or her ability to produce satisfactory cuts, set forth by the instructor. These cuts will be judged for roughness and quality as set forth by the American Welding

Reporting Period: 2016-2017

Criterion Met: No.

0 100

100

0

Action: Students that did not pass this laboratory assignment earned low grades on the homework for this task. This task was performed by the Instructor for the students to observe and ask any questions

they understand the practical application. (10/23/2017)

Course Outcomes	Assessment Measures	Results	Actions
Course Outcome Status: Active Next Assessment: 2021-2022 Start Date: 10/23/2017	Society's D1.1 Structural Welding Code. Criterion: 90% of the students in the WELD 135 course will achieve a 75% or better grade for cutting laboratory assignments that are judged in accordance with the American Welding Society's D1.1 Structural Welding Code; Clause 5 Fabrication requirements on cutting.	100 100 0 100 0 100 100 100 100	that they might have had. Students were also required to watch a training video on this task. (10/23/2017)
Ability to extract a broken bolt using high alloy extractor electrode Ability to extract a broken bolt using high alloy extractor electrode. Course Outcome Status: Active Next Assessment: 2021-2022 Start Date: 10/23/2017	Demonstrate - Students will be able to extract a broken bolt using high alloy extractor electrode. Criterion: 90% of the students will extract a broken bolt using high alloy extractor electrode.	Reporting Period: 2016-2017 Criterion Met: No 0 100 (10/23/2017)	Action: This was a new laboratory assignment for the students. This laboratory assignment turned out to a very useful and practical application that will be repeated in this course and implemented into other courses. (10/23/2017)
Group assembly of hand railing - Group assembly of hand railing based on a drawing and to OSHA and MSHA standards. Course Outcome Status: Active Next Assessment: 2021-2022 Start Date: 10/23/2017	Demonstrate - Students will be able to perform proper layout and fit-up as per OSHA and MSHA requirements regarding Hand Railing and using a print. Criterion: 90% of the students will be able to build hand railing.	Reporting Period: 2016-2017 Criterion Met: No 100 0 100 100 100 100	Action: This was a new laboratory assignment that seemed to be useful for the students. The largest issue was getting the students to work together as a group. (10/23/2017)

Course Outcomes	Assessment Measures	Results	Actions
		0	
		100	
		0	
		100	
		100	
		0	
		0	
		100	
		100	
		100 (10/23/2017)	