PROGRAM ASSESSMENT PLAN ~ 2014-15 through 2019-20
This document only needs to be updated when changes are made.

UNIT	WASHBURN INSTITUTE OF TECHNOLOGY
DIVISION	TECHNOLOGY
Program	Welding Technology
Date Prepared	August 2014
Date Revised	

PROGRAM MISSION
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The mission of the Welding Technology program is to prepare students to apply technical knowledge and skills to join or cut metal surfaces. Formal and self-paced instruction includes: Shielded Metal Arc Welding (SMAW); Gas Metal Arc Welding (GMAW); Flux Cored Arc Welding (FCAW), Gas Tungsten Arc Welding (GTAW), and cutting processes. Related technical instruction also includes quality control, print reading, safety, and workplace skills.

PROGRAM STUDENT LEARNING OUTCOMES (PSLO)
If the program has more than 6 PSLO, hit "Tab" in the last cell to add another row. Cells will expand to accommodate text.

Upon completion of the program students will be able to:	
PSLO 1	Demonstrate knowledge of safety in a welding.
PSLO 2	Demonstrate ability to set-up and operate welding equipment.
PSLO 3	Demonstrate entry level welding ability. Welding skill demonstrations in all positions and tests using different joint configurations will be used to verify skill level. Standards of the American Welding Society (AWS) will be used to evaluate weld quality.
PSLO 4	Apply the skills needed for employment: good attendance, good work habits, and good personal relation skills.
PSLO 5	Demonstrate set-up and operate cutting equipment. Student will have entry level skill using oxy-acetylene, plasma arc, and air carbon arc cutting.
PSLO 6	Demonstrate GTAW and aluminum welding.

CURRICULUM MAP (Alignment)
List **all** courses required for **program majors** and indicate, where applicable, (using the following key) the PSLO with which they are associated.

    T = Taught
    X = Taught and Assessed
    A = Assessed

If the program has more than 6 PSLO, "Copy and Paste" rows from this table below the existing table, beginning with the row numbering the PSLO.

Required Courses	PSLO 1	PSLO 2	PSLO 3	PSLO 4	PSLO 5	PSLO 6
WEL101	X	X	X	X	X	X
WEL110				X		
WEL120	X			X	X	X
WEL131	X	X	X	X		
WEL135	A	X	X	X		
WEL141	X	X	X	X		

WEL145	A	X	X	X		
WEL150		X		X		
WEL160	X		X	X	X	
WEL230	A	X	X	X		
WEL220	X	X	X	X	X	
WEL210				X		
WEL241	X	X	X	X	X	X
WEL246	X	X	X	X		X
WEL267	A	X	X	X		X
WEL250	X	X	X	X		

ASSESSMENT MEASURES (Method)
Indicate (*mark with an X*) the type of assessment used to evaluate each PSLO.
Check as many boxes as apply.
Programs should use at least 2 direct measures for each PSLO.

If the program has more than 6 PSLO, "Copy and Paste" rows from this table below the existing table, beginning with the row numbering the PSLO.

	PSLO 1	PSLO 2	PSLO 3	PSLO 4	PSLO 5	PSLO 6
DIRECT						
Portfolio						
Performance Assessment	X	X				X
Performance Assessment (Off campus experience – Clinical, Internship, Practicum, etc.)						
Professional Credentialing Exam	X	X	X	X	X	
Major Field Test or National Exam	X	X	X	X	X	
Course Embedded Assignment	A	X	X	A	X	X
Project Evaluation		X	X	A	X	X
Course Grades	X	X	X	X	X	X
Other (Describe)						
INDIRECT						
Surveys						
Exit Interviews/Focus Groups						
Other (Describe)						

THRESHOLD OF STUDENT SUCCESS
For each PSLO, list each measure separately and indicate the threshold of student achievement considered acceptable.
(*example: 75% of students will receive B or better*) - see Assessment Plan Guide for additional instructions.
Hit :Tab" in the last cell to add another row. Cells will expand to accommodate text.

PSLO	MEASURE	THRESHOLD
1	Safety test/OSHA/observation	100% of students pass safety tests with 90%/ 90% get OSHA 10 cards
2	Observe set-up and shutdown/troubleshooting	85% of students will demonstrate required skills
3	Observation/ skill tests/weld test	80% will pass tests to AWS standards
4	Observation/ attendance sheet	Maintain 90% attendance

5	Observation	90% pass at program standards
6	Observation	90% pass at program standards

DATA COLLECTION *CALENDAR*

Indicate how often assessment data are collected for each PSLO.
S=every semester
Y=every year
2=every other year
3=every 3 years, (etc.)
O-Other (please explain)
If the program has more than 6 PSLO, hit "Tab" in the last cell to add another row.

	Frequency of Data Collection
PSLO 1	
PSLO 2	
PSLO 3	
PSLO 4	
PSLO 5	
PSLO 6	

ANALYSIS AND REPORTING CALENDAR

Indicate (*mark with an X*) the years in which each PSLO was/will be analyzed and reported.
Cycle will repeat after Year 6.
If the program has more than 6 PSLO, "Copy and Paste" rows from this table below the existing table, beginning with the row numbering the PSLO.

	PSLO 1	**PSLO 2**	**PSLO 3**	**PSLO 4**	**PSLO 5**	**PSLO 6**
Year 1/2014-15						
Year 2/2015-16						
Year 3/2016-17						
Year 4/2017-18						
Year 5/2018-19						
Year 6/2019-20						

If field experiences are a significant part of the program, explicitly address how validity and reliability of the evaluation instrument is ensured.
Cell will expand to accommodate text.

STAKEHOLDER INVOLVEMENT

Describe how stakeholders (faculty, students, alumni, advisory boards, community, etc.) are involved in the development, implementation, periodic review and continuous improvement of the Assessment Plan.
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PROGRAM ASSESSMENT PLAN REVIEW CYCLE

Indicate (*mark with an X in column 2*) the year(s) in which this Program Assessment Plan will be reviewed and indicate in column 3 (when applicable) when changes are made and addressed in the appropriate year's annual report.

Cycle repeats after Year 6.

	Program Assessment Plan Review	Were changes made and addressed in the Annual Report? <u>Yes</u> or <u>No</u> (update when applicable)
Year 1/2014-15		
Year 2/2015-16		
Year 3/2016-17		
Year 4/2017-18		
Year 5/2018-19		
Year 6/2019-20		