



Assessment Report

PART 1: CONTACT & PROGRAM IDENTIFICATION

Report Year and Contact Information:		
<u>2019-2020</u>	<u>Ronald Hackney</u>	<u>rhackney@cnm.edu</u>
Academic Year	Contact Person	Email

Name of Program:	Courses:
Welding Degree	ARDR 1321 WELD 1005 WELD 1020 WELD 1570

PART 2: PROGRAM SUMMARY

Provide a high-level review of the program to include highlights, successes, challenges, significant changes, and significant resources needed to support the program.
The welding program continues to meet or exceed all expectations. We have moved all lecture courses to the online platform. We have implemented approximately 240 lecture videos to enhance the online format.

Part 3: DATA REVIEW

Program Data (Each Review Year is defined as Summer, Fall, and Spring terms)	Review Year 19-20	Review Year 18-19	Review Year 17-18
Annual number of graduate awards is greater than 10	40	31	37
Number of declared majors	275	321	325
Average class size	20	19	20
Annual Average class retention rate is 70% or above (SAGE 65%)	90%	92%	97%
Annual C-Pass rate for coursework is 60% or above	82%	85%	87%
Average class fill rate at 60% or above capacity within a term or over a year	90%	85%	92%
Transfer numbers/percent	NA	1 (3%)	3 (8%)
Full-time to part-time faculty ratio	12: 9	18: 3	19: 1

Summarize how your program met or did not meet the target measures based on the data above.
The welding program has exceeded all target assessments.

Part 4: PROGRAM LEARNING OUTCOME ANALYSIS.

Learning Outcome	Population or Course(s) Assessed	Assessment Methods	Summary of Assessment Results
1. Operate and safely use basic welding hand tools and equipment in a safe manner	WELD 1020, and WELD 1570.	Final Exam, and Test or quiz.	Student learning outcomes are meeting industry standards. There are no changes required.
2. Perform basic and advanced operations on a variety of welding machines and equipment	WELD 1005, WELD 1020, and WELD 1570.	Final Exam, Class project, Instructor observation, and In-class writing assignment.	Student learning outcomes are meeting industry standards. There are no changes required
1. Operate and safely use basic welding hand tools and equipment in a safe manner	WELD 1570.	Final Exam, Practical exam, Class project, In-class activities, and Instructor observation.	Student learning outcomes are meeting industry standards. There are no changes required

Interpretation of Assessment findings
Students are meeting all course outcomes. Welding graduates can enter the workforce. There are currently no changes needed within the program.

Part 6: ADDITIONAL ACTION PLAN IN SUPPORT OF STUDENT LEARNING (IF APPROPRIATE)

Upcoming year	Changes planned for the upcoming year	Data motivating this change
2020-2021	The welding program is implementing a new course for Robotic welding.	This was determined by welding advisory committee.

Upcoming year	Changes planned for the upcoming year	Data motivating this change
2020-2021		
2020-2021		

Please Select all the following that characterize the types of changes described in the above action plan:

- Assessment criteria revision
- Assessment methodology revision
- Assignment revision
- Budgetary reallocation
- Change in teaching approach
- Course content revision
- Curricular Revision
- Faculty training/development
- Process revision

Part 6: COMMENTS

<p>Use this section to record any comments, notes, or questions from individuals who reviewed this report.</p>
<p>School Dean:</p>
<p>SAAC Representative:</p>