



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 Certificate	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.
<p>The welding program has made several changes throughout the 2019-2020 year. Due to the pandemic, we have transferred all lecture courses to 100% online platform. We have made approximately 240 lecture videos to enhance the online platform. We have adjusted lab projects to accommodate the new format. The welding program graduates are continuing to receive good paying jobs within the industry. The national labs are continuing to employ the graduates who are interested in that specific field.</p>

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	58	69	54
Number of declared majors	196	186	143
Average class size	20	19	21
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%	86%
Average class fill rate at 60% or above capacity within a term or over a year	94%	89%	98%
Transfer numbers/percent	NA	1 (1%)	1 (2%)
Full-time to part-time faculty ratio	11: 9	17: 3	17: 1

Summarize how your program met or did not meet the target measures based on the data above.

The welding program has exceeded all CNM' targets. No anticipated changes this cycle.

Part 4: PROGRAM LEARNING OUTCOME ANALYSIS.

Learning Outcome	Population or Course(s) Assessed	Assessment Methods	Summary of Assessment Results
Demonstrate proficiency in math, blueprint and metallurgy expected within the industry.	Weld 1005/Weld1020	Final Exam, Test or quiz, Practical exam, and Homework assignments.	The results of outcomes are positive with no changes required and anticipated.
Demonstrate proficiency in math, blueprint and metallurgy expected within the industry.	Weld 1005/Weld1020	Final Exam, Test or quiz, Practical exam, Homework assignments, and In-class writing assignment.	The results of outcomes are positive with no changes required and anticipated.
Perform layout and fabrication skills to local industry standards and expectations.	Weld 1570 sec 101/102	Test or quiz, Class project, In-class activities, and Instructor observation.	The results of outcomes are positive with no changes required and anticipated.
Perform layout and fabrication skills to local industry standards and expectations.	Weld 1570 sec 101/102	Final Exam, Test or quiz, Class project, and Instructor observation.	The results of outcomes are positive with no changes required and anticipated.

Interpretation of Assessment findings
The results of outcomes are positive with no changes required and anticipated.

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 anticipates no changes to current courses offered. We are anticipating adding a robotics welding course to program	Industry has expressed the desire to implement robotics to program to meet future needs within industry.
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>