

CNM ANNUAL STUDENT LEARNING ASSESSMENT REPORT

Due to the Student Academic Assessment Committee by October 15



PART 1: REPORT INFORMATION

Report Year and Contact Information			
<u>2018-2019</u> Academic Year	<u>Ron Hackney/ Jim Berry</u> Contact Person	<u>rhackney@cnm.edu</u> CNM Email	<u>43726</u> CNM Office Extension

Subject of this Report
AT--WELD_CERT--Welding Technology Certificate

PART 2: CONTEXT IN WHICH THE ASSESSMENT TOOK PLACE

Program/Area Highlights and Successes
<small>(Wherever applicable, include course completion rates, job placement outcomes, and licensing examination pass rates. See the program information dashboard at https://livecnm.sharepoint.com/sites/Dashboards/SitePages/Program%20Information%20Dashboard.aspx (access restricted to CNM employees) and other reports at https://www.cnm.edu/depts/opie.)</small>
Retention Rate 95.9%, Enrollee Success Rate 89.6% License Exam (Bauman Industrial Labs) – 75 certificate total, D1.1 SMAW 23 Certificates, D1.1 FCAW 33 Certificate, ASME Section 9 pipe 11 Certificate. ASME Section 9 F3/F4 electrode Combo-6 ASME Section 9 GTAW All Out- 2 2018- 2019 The Welding program placed first at the Skills USA State Welding Contest.

Changes Implemented During the Past Year in Support of Student Learning
Added 4 New Skill Building Projects in Weld 1050 to meet industry needs.

PART 3: REPORT ON ASSESSMENT OF STUDENT LEARNING

Assessment Method (E.g., "Writing assignment," "Final exam," "Presentation," "Project," "Performance," or "Select test questions")	Type of Assessment Tool	Population or Course(s) Assessed	Program or General Education Learning Outcome(s) Assessed	Mastery Level (E.g., "Minimum score of 3 on a rubric scaled 0-4" or "Minimum score of 75%")	Targeted % Achieving Mastery	Outcome
Instructor Observation	Direct & Internal	weld 1025 Weld 1030 WELD 1005	Demonstrate proficiency in math, blueprint and metallurgy expected in industry.	86%	80%	Target met
Instructor Observation	Direct & Internal	WELD 1580	Work in teams, use current technologies, plan and budget when working on welding components.	91%	85%	Target met
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Summary of Assessment Findings
 Desired Targeted skill was met.

Interpretation of Assessment Findings
 The current assigned projects and curriculum allowed students to demonstrate their ability with measured competencies.

Action Plan in Support of Student Learning (Describe changes to be made that are based at least in part on the assessment interpretation. If the assessment did not yield useful information, describe changes to be made in the assessment methodology and/or criteria.)
 Continue to adjust curriculum and assigned projects to meet industry needs and standards.

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

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

Recommendations, Proposals, and/or Funding Requests	Budget Needed
None	N/A

PART 4: REMAINING YEARS IN CURRENT ASSESSMENT CYCLE PLAN (including any revisions) – **OR** -- **UPCOMING ASSESSMENT CYCLE PLAN** (if this was the final year)

Years of Full Cycle (E.g., 2019-2025)	Next Year's Assessment Focus (Describe how the next planned assessment is expected to provide information that can be used toward improving student learning.)
2019-2024	Same as above

Learning Outcomes to Be Assessed	When the Outcomes Will Be Assessed	Population/Courses to Be Assessed	Planned Assessment Approaches
Demonstrate proficiency in math, blueprint and metallurgy expected in industry.	2019-2024	weld 1025/Weld 1030/ WELD 1005	Written Exams/ classroom Projects
Work in teams, use current technologies, plan and budget when working on welding components.	2019-2024	WELD 1570	Written Exams/ classroom Projects
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