

CENTRAL NEW MEXICO COMMUNITY COLLEGE
ASSESSMENT REPORT
Due to SAAC by October 15

PART 1: CONTACT & PROGRAM IDENTIFICATION

Report Year and Contact Information			
Fall 2016-Spring 2017	Joseph Schaub / Kay Hamby	fschaub@cnm.edu/kay@cnm.edu	224-4000 ext 51599 / 50086
Academic Year	Contact Person	Email	Phone Number

Subject of this Assessment Report		
Program: Machine Tool Technologies <input checked="" type="checkbox"/> Certificate <input type="checkbox"/> AA <input type="checkbox"/> AS <input type="checkbox"/> AAS	Gen Ed Area: _____ Applicable to: <input type="checkbox"/> AA/AS <input type="checkbox"/> AAS	Non-Award, Non-Gen-Ed Discipline Area: MATT

PART 2: THE YEAR IN RETROSPECT

Program/Area Highlights(Including, wherever applicable, course completion, job placement, and licensing examination information)
Students successfully manufactured student's projects with-in required standards. Students successfully completed required task with little or minimal part spoilage or tooling damage.

Changes Made in Support of Student Learning
Action will include more Cad/ Cam devoted to the students next catalog change will increase class length.

PART 3: REPORT ON RECENT ASSESSMENT OF STUDENT LEARNING

Student Learning Outcome(s) Assessed <small>To add rows: right-click in cell below and select "Insert," "Insert Rows Above"</small>	Classes/Cohorts Assessed
Demonstrate proficiency in math, blueprint and metallurgy expected within the industry.	MATT 2140
Work in teams, use current technologies, plan and perform processes when working on machine tools	MATT 2140

Perform safely and exhibit skills to perform with-in industry standards and expectations.	MATT 2140
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Measurement Tool(s) Used <i>To add rows: right-click in cell below and select "Insert," "Insert Rows Above"</i>	Enter X's for type of tool				Initial Achievement Target or Expectation
	Internal	External	Direct	Indirect	
Written Exam	X				
Industry Feedback forms		X			
Physical measurement of projects manufactured during Third Term.	X				

Assessment Findings
<p>Students successfully manufactured student's projects with-in required standards.</p> <p>Students successfully completed required task with little or minimal part spoilage or tooling damage.</p> <p>Students passed the written exams.</p>

Analysis and Interpretation of Assessment Findings
More CAD/Cam needed

Action Plan in Support of Student Learning
<p>To continue reinforcing safe and correct use of hand and machine tools.</p> <p>Action will include more Cad/ Cam devoted to the students, the next catalog change will increase class length.</p>

Please indicate with an X all of the following that characterize the types of changes described in the above action plan:

- | | | | |
|--|--|--|---|
| <input type="checkbox"/> Pedagogical change | <input type="checkbox"/> Course revision | <input checked="" type="checkbox"/> Process revision | <input type="checkbox"/> Curricular revision |
| <input checked="" type="checkbox"/> Budgetary reallocation | <input checked="" type="checkbox"/> Faculty training/development | <input checked="" type="checkbox"/> Assessment criteria revision | <input checked="" type="checkbox"/> Assessment methodology revision |

Recommendations, Proposals, and/or Funding Requests
None

PART 4: ASSESSMENT CYCLE PLAN UPDATE (Copy and paste from original plan if unchanged)

Cycle Years	Description of Changes Made(if applicable)

Student Learning Outcomes	When Measured	Where Measured	How Measured
1. Operate and safely use basic hand tools and equipment in a safe manner.	Fall 2011/Spring 2012/Summer 2012/Fall 2012/Spring2012	ALL- Lab courses	Internal Measures- Performance Testing/Written Exams/ Pre and Post exams External Measures- Industry Feedback Forms
2. Perform basic and advanced operations on a variety of Machine Tools and support equipment.	Fall 2011/Spring 2012/Summer 2012/Fall 2012/Spring2012	ALL-Lab courses	Internal Measures- Performance Testing/Written Exams/ Pre and Post exams External Measures- Industry Feedback Forms
3. Demonstrate proficiency in math, blueprint and metallurgy expected within the industry.	Summer 2013/Fall 2013/Spring 2013/Summer 2014 Fall 2014/Spring2014	All-lab courses	Internal Measures- Performance Testing/Written Exams/ Pre and Post exams External Measures- Industry Feedback Forms
4. Work in teams, use current technologies, plan and perform processes when working on machine tools.	Summer 2013/Fall 2013/Spring 2013/Summer 2014 Fall 2014/Spring2014	ALL- Lab Courses	Internal Measures- Performance Testing/Written Exams/ Pre and Post exams External Measures- Industry Feedback Forms
5. Perform safely and exhibit skills to perform with- in industry standards and expectations.	Summer 2013/Fall 2013/Spring 2013/Summer 2014 Fall 2014/Spring2014	ALL- Lab Courses	Internal Measures- Performance Testing/Written Exams/ Pre and Post exams External Measures- Industry Feedback Forms
6.			

7.			
8.			
9.			
10.			