

Assessment Report

PART 1: CONTACT & PROGRAM IDENTIFICATION

Report Year and Contact Information:		
2019-2020	Marcel Hesch	mhesch1@cnm.edu
Academic Year	Contact Person	Email

Name of Program:	Courses:
Machine Tool Technology Certificate	MATT 1001 MATT 1030 MATT 1120 MATT 1130 MATT 1140

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>In the middle of Spring 2020 face-to-face Basic MATT courses were discontinued at CNM therefore the theory portion of my lab courses were taught online from this point forward and my theory courses were continued entirely online. The students had no difficulties in continuing their education online, performed better than I would have expected, and made the transition very well.</p> <p>The same students from Spring continued in Summer to Intermediate MATT courses and once again exceeded my learning expectations.</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	15	23	19
Number of declared majors	33	27	24
Average class size	19	14	17
Annual Average class retention rate is 70% or above (SAGE 65%)	83%	96%	92%
Annual C-Pass rate for coursework is 60% or above	81%	92%	85%
Average class fill rate at 60% or above capacity within a term or over a year	95%	67%	85%
Transfer numbers/percent	NA	1 (4%)	1 (5%)
Full-time to part-time faculty ratio	10: 1	10: 0	9: 2

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

For the '19 - '20 review year the target fill rate is at 83%, retention rate is at 81%, C-pass is at 95%, and the number of graduates is at 15. All are well above the targeted measures.

Part 4: PROGRAM LEARNING OUTCOME ANALYSIS.

Learning Outcome	Population or Course(s) Assessed	Assessment Methods	Summary of Assessment Results
Demonstrate proficiency in shop math.	MATT 1001, MATT 1030, MATT 1140	Final Exam, Test or quiz, and Homework assignments.	
Perform basic operations on a variety of machine tools and support equipment.	MATT 1120, MATT 1130	Final Exam, Test or quiz, and Homework assignments.	
Safely perform manual machine tool processes.	MATT 1120, MATT 1130	Final Exam, Test or quiz, and Homework assignments.	

Interpretation of Assessment findings

These assessment findings confirm good teaching methods.

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	Include practical exams.	Enduring knowledge.
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

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