



Assessment Report

PART 1: CONTACT & PROGRAM IDENTIFICATION

Report Year and Contact Information:		
2019-2020	Todd Wilburn	twilburn@cnm.edu
Academic Year	Contact Person	Email

Name of Program:	Courses:						
Automotive Technology Certificate	AUTC 1110	AUTC 1120	AUTC 1130	AUTC 1140	AUTC 1210	AUTC 1220	AUTC 1230
	AUTC 1240	AUTC 2111	AUTC 2120	AUTC 2130	AUTC 2198		

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>This year has presented the automotive program with significant challenges due to the lock downs initiated by Covid-19. Face to face classes were abruptly canceled in the 9th week of the term and all face-to-face classes had to be completed online. As a result, we were unable to complete one of our reporting metrics because we were unable to complete end of program testing. Our other reporting method was also compromised as we had very few students complete the Internship in the Spring. Fall 2019 was a very successful term despite losing a part time instructor.</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	38	45	29
Number of declared majors	265	249	264
Average class size	16	16	17
Annual Average class retention rate is 70% or above (SAGE 65%)	96%	96%	97%
Annual C-Pass rate for coursework is 60% or above	85%	89%	87%
Average class fill rate at 60% or above capacity within a term or over a year	78%	77%	81%
Transfer numbers/percent	NA	1 (2%)	2 (7%)
Full-time to part-time faculty ratio	51: 25	49: 26	48: 20

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

The average class fill rate is holding steady in the high 70 to low 80% range. We have very good retention as well as initial interest in our Intro classes. Our annual retention rate is in the high 90% range and we are very proud of our ability to keep the students engaged and motivated to complete the program. Our annual c-pass rate for coursework is the mid to high 80% range which speaks to the high level of information being administered and retained. The annual number of graduates has fluctuated but has remained consistently high as we have a clear and concise path from Intro to the certificate and ultimately to an associate degree.

Part 4: PROGRAM LEARNING OUTCOME ANALYSIS.

Learning Outcome	Population or Course(s) Assessed	Assessment Methods	Summary of Assessment Results
1. Apply critical thinking skills to solve workplace problems	AUTC 1110, AUTC 1120, AUTC 1130, AUTC 1140, AUTC 1210, AUTC 1220, AUTC 1230, AUTC 1240, AUTC 2111, AUTC 2120, AUTC 2130, and AUTC 2198.	Test or quiz, and Other.	End of program testing for Fall 2019 shows that our students are scoring well above the national average in all our classes. End of program testing is a proctored exam, and we were unable to complete testing in the Spring term due to Covid-19.
2. Diagnose and repair vehicle mechanical, electrical, and computer-managed systems	AUTC 1110, AUTC 1120, AUTC 1130, AUTC 1140, AUTC 1210, AUTC 1220, AUTC 1230, AUTC 1240, AUTC 2111, AUTC 2120, AUTC 2130, and AUTC 2198.	Survey, and External evaluator.	Rubrics returned from our Internship visits for Fall 2019 term indicate our students score in the distinguished and accomplished categories and only one student scored novice in a single category.

Learning Outcome	Population or Course(s) Assessed	Assessment Methods	Summary of Assessment Results
5. Work safely and in an environmentally responsible manner	AUTC 1110, AUTC 1120, AUTC 1130, AUTC 1140, AUTC 1210, AUTC 1220, AUTC 1230, AUTC 1240, AUTC 2111, AUTC 2120, AUTC 2130, and AUTC 2198.	Survey, and External evaluator.	Rubrics returned for our Fall 2019 term indicate our students score primarily in level 4 (1-4) with only a few scorings in the level 3 category. No students scored in the level 1 or 2. 1 being the lowest and 4 being the highest.

Interpretation of Assessment findings
<p>Our program is very healthy. Our students are getting the knowledge, resources, and education that they need to become successful entry level technicians despite challenges that we have faced due to the pandemic. We will continue to do all that we can to bridge the gap between face-to-face classes and online learning. This will not be easy as Automotive is a very hands-on subject, but we will persevere.</p>

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	We are going to be implementing a couple of topics classes. One being a hybrid electric class and the other a light diesel class. We will be implementing a hybrid type learning environment for the students for the time being where we will be online learning for the first five weeks and then face to face lab learning once all the book and lecture learning are completed.	We have spoken to our industry partners in private conversations as well as advisory board meetings and they have indicated to us that these two class offerings are of significant value as a growing percentage of the market are these types of vehicles. Covid-19 has forced us to rethink the way we deliver our content, assess our students, and conduct face to face classes. We are learning as we go and making the proper adjustments, as necessary.
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: