Program Outcome and Assessment(s)
2019-2020 Program Outcome Assessments Year-End Reporting Form
Program Review Cycle - 2018-19

In response to SACSCOC 8.2, *"The institution identifies expected outcomes, assesses the extent to which it achieves these outcomes, and provides evidence of seeking improvement based on analysis of the results …"*

Name of Program:

Automotive Systems Technology

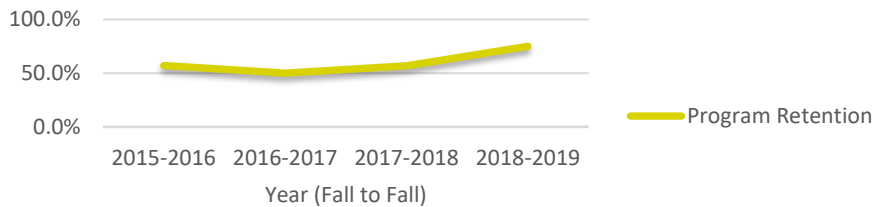**Program Outcome #1: Program Retention, Fall to Fall**

Baseline: 53 % (*Average of three years – 2014-15; 2015-16; 2016-17; fall-to-fall program retention*)
Standard: 56 % Fall to Fall
Target: 60 % Fall to Fall

2019-2020 Action / Strategy Items:

Item #	Action / Strategy Items: *(Actions / strategies identified in the 2018-19 program review.)*	Results / Use of Results: *(Provide results of the action / strategy identified. Was the action / strategy successful? If not, did you want to continue this action / strategy going forward? If so, please include this action / strategy in the 2020-21 action / strategies table below.)*
1	Achievement coaches will be called in to assess any circumstances student may be facing that prevents them from returning each semester. These coaches can help identify issues and offer suggestion to the student as well as the instructor/advisor to help the student be successful.	The strategy was successful. The Fall to Fall retention for 2018-2019 was 75%. This exceeded the target of 60%. This strategy will be carried forward to the next cycle.

Year (Fall to Fall)	Program Fall Enrollment Cohort	Program Completers	Program Returners	Program Non-Completers	Program Transfers	Program Retention
Fall 2014-Fall 2015	68	9	28	29	2	54.4%
Fall 2015-Fall 2016	63	11	25	25	2	57.1%
Fall 2016-Fall 2017	68	9	25	33	1	50.0%
Fall 2017-Fall 2018	58	12	21	24	1	56.9%
Fall 2018-Fall 2019	48	15	21	9	3	75.0%

Automotive Systems Technology Fall-to-Fall Retention

Provide narrative for analysis of program retention data *(Based on the data, provide a narrative of your analysis of fall to fall retention. Indicate factors that may have affected your retention. State any changes you plan to address for next year that may affect retention.)*

Fall to Fall retention was 75%. This exceeded the target of 60%. One of the main factors that may have led to this increase was the use of Self Service by the department. Self service better helps the advisor in keeping current students on track to completion.

Provide narrative for analysis of program retention standard/target *(As a result of the data analysis, indicate changes to the standard or target. Did you meet your standard/target? If you met your standard/target, what percentage would you like to increase your standard/target?)*

The standard and target were both exceeded. However we would not like to change the target until we can identify what strategy led to this increase. If the Fall to Fall retention for 19-20 cycle still exceeds the current target, then a change will be made.

2020-2021 Action / Strategy Items:
(Identify and address outcome assessments that fall below the established standard and/or target and additional recommendations resulting from the review.)

| Item	Action / Strategy Items *(Identify action items as a result of your program outcome assessment.)*	Target Date *(Identify your projected target date for completion of action items.)*	Assessment of Action Items *(State the method of assessment; how you plan to evaluate/assess the results of the action items.)*
1	Achievement coaches will be called in to assess any circumstances students may be facing that prevents them from returning each semester. These coaches can help identify issues and offer suggestions to the student as well as the instructor/advisor to help the student be successful. Advisors will also use self service to track student progress and keep the student on track for completion.	Spring 2020	This action item will be accessed by looking for the Fall to Fall retention at the 2020-21 cycle to either maintain the current trend or increase.

Program Outcome #2: Completions (Graduation) (*unduplicated*) (Summer, Fall, Spring)

Baseline: 25 # (*Average of three years – 2015-16; 2016-17; 2017-18*)
Standard: 30 #
Target: 35 #

2019-2020 Action / Strategy Items:

Item #	Action / Strategy Items: (*Actions / strategies identified in the 2018-19 program review.*)	Results / Use of Results: (*Provide results of the action / strategy identified. Was the action / strategy successful? If not, did you want to continue this action / strategy going forward? If so, please include this action / strategy in the 2020-21 action / strategies table below.*)
1	With this addition of other manufacturer partners and through improvements in recruiting and advising methods we expect to see an increase in the next reporting cycle. This will be assessed by comparing past completion numbers to current completion numbers.	This action/strategy was successful. The program had a total of 51 completers. This is in part to requirements by manufacture partners and better advising/tracking of student progress by the advisor.

Number of Completers (*unduplicated*) – Graduation Year – Summer, Fall, Spring				
Graduation Year	Degree	Diploma	Certificate	Total
2015-2016	13	1	1	15
2016-2017	14	1	16	31
2017-2018	13	1	15	29
2018-2019	17	5	29	51
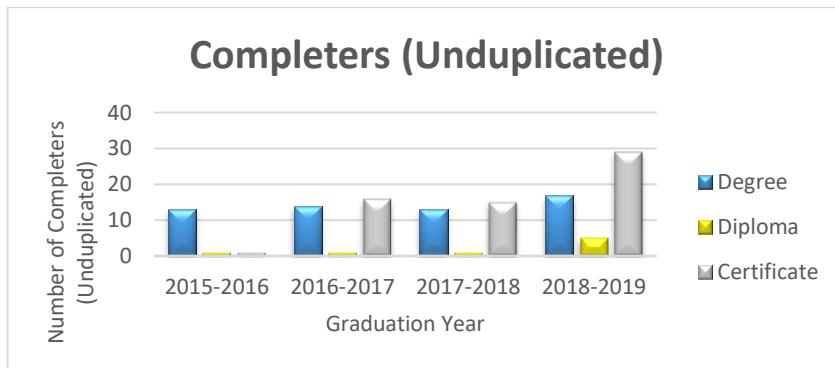
Provide narrative for analysis of completion data (*Based on the data, provide a narrative of your analysis of completions. Indicate factors that may have affected your completions. How might you increase the number of completers in your program?*)

We feel the automotive program saw such an increase in completion because of minor changes made in the advising process. With many of the students participating in training from our manufacturer partners, reports can be generated showing the students progress. This allows the instructor/advisor to better track the students completion of course work. The use of Self Service has also led to this increase in completion numbers.

Provide narrative for analysis of completion standard/target *(As a result of the data analysis, indicate changes to the standard or target. Did you meet your standard/target? If you met your standard/target, what percentage would you like to increase your standard/target?)*

Based on the increase in completion numbers, we would like to set the new standard to 40 and the new target to 45.

2020-2021 Action / Strategy Items:
(Identify and address outcome assessments that fall below the established standard and/or target and additional recommendations resulting from the review.)

Item	Action / Strategy Items *(Identify action items as a result of your program outcome assessment.)*	Target Date *(Identify your projected target date for completion of action items.)*	Assessment of Action Items *(State the method of assessment; how you plan to evaluate/assess the results of the action items.)*
1	Advisors will continue to become more efficient with the use of Self Service to advise and track student progress. This should also allow the advisor to keep the student on track to graduate.	Fall 2021	We expect to see an increase in completion rates for students in the automotive programs.

Program Outcome #3: Job Placement / Employment

Baseline: 37 % (*Average of three years – 2015-16; 2016-17; 2017-18 employed/more education*)
Standard: 40 %
Target: 45 %

2019-2020 Action / Strategy Items:

Item #	Action / Strategy Items: (*Actions / strategies identified in the 2018-19 program review.*)	Results / Use of Results: (*Provide results of the action / strategy identified. Was the action / strategy successful? If not, did you want to continue this action / strategy going forward? If so, please include this action / strategy in the 2020-21 action / strategies table below.*)
1	With the GM-ASEP currently requiring job placement as part of the program and perhaps having MM-ATEP require students to complete work based learning and maintain employment, higher job placement percentages would be expected. This would be assessed by looking for an increase in automotive students placed in careers related to their field of study.	No curriculum changes were made during this cycle to require MM ATEP students to complete work based learning and maintain employment. These changes are planned for the upcoming academic year. This action item will be carried over to the next reporting cycle.

Employment Demand						
Year	Graduates	# Employed (within 1 Yr)	# Seeking More Education (within 1 Yr)	% Employed & Seeking More Education *(add # employed and # seeking more education and divide by # of graduates)*	Unknown	Other/Comments
2015-16	15	Unknown	3	20%		
2016-17	31	Unknown	13	42%		
2017-18	29	Unknown	14	48%		
2018-19	51	Unknown	27	53%		

Provide narrative for analysis of job placement/employment data (*Based on the data, provide a narrative of your analysis of job placement / employment. Indicate factors that may have affected job placement / employment. How can your program promote higher employment of students in the field?*)

If the programs implemented a required work based learning course and students had to maintain employment, job placement rates would increase. Based on studies, there are jobs available in the area for automotive technicians.

Provide narrative for analysis of job placement/employment standard/target *(As a result of the data analysis, indicate changes to the standard or target. Did you meet your standard/target? If you met your standard/target, what percentage would you like to increase your standard/target?)*

We would like to keep the standard and target the same until curriculum changes are complete (WBL requirement)

2020-2021 Action / Strategy Items:
(Identify and address outcome assessments that fall below the established standard and/or target and additional recommendations resulting from the review.)

Item	Action / Strategy Items *(Identify action items as a result of your program outcome assessment.)*	Target Date *(Identify your projected target date for completion of action items.)*	Assessment of Action Items *(State the method of assessment; how you plan to evaluate/assess the results of the action items.)*
1	With the GM-ASEP currently requiring job placement as part of the program and perhaps having MM-ATEP require students to complete work based learning and maintain employment, higher job placement percentages would be expected. This would be assessed by looking for an increase in automotive students placed in careers related to their field of study.	Fall 2021	By requiring all students in the GM ASEP and MM ATEP programs to complete WBL and maintain employment, job placement rates would go up considerably.

Program Outcome #4: Licensure and Certification Passing Rates (if applicable) Not applicable

Baseline: _____ % (*Average of three years – identify last three licensure years*)
Standard: _____ %
Target: _____ %

2019-2020 Action / Strategy Items:

Item #	Action / Strategy Items: (*Actions / strategies identified in the 2018-19 program review.*)	Results / Use of Results: (*Provide results of the action / strategy identified. Was the action / strategy successful? If not, did you want to continue this action / strategy going forward? If so, please include this action / strategy in the 2020-21 action / strategies table below.*)
1	Not applicable.	

Licensure / Certification Exam – Title

NCCCS Report	Exam Year	# Tested	# Passed	% Passing	Index Score
2016	2014-15				
2017	2015-16				
2018	2016-17				
2019	2017-18				

Provide narrative for analysis of licensure / certification passing rates data (*Based on the data, provide a narrative of your analysis of licensure / certification. Are you satisfied with your program licensure rates? State any changes you plan to address for licensure/certification passing rates.*)

Not applicable.

Provide narrative for analysis of licensure / certification passing rates standard/target (*As a result of the data analysis, indicate changes to the standard or target. Did you meet your standard/target? If you met your standard/target, what percentage would you like to increase your standard/target?*)

Not applicable.

2020-2021 Action / Strategy Items:
(*Identify and address outcome assessments that fall below the established standard and/or target and additional recommendations resulting from the review.*)

Item	Action / Strategy Items (*Identify action items as a result of your program outcome assessment.*)	Target Date (*Identify your projected target date for completion of action items.*)	Assessment of Action Items (*State the method of assessment; how you plan to evaluate/assess the results of the action items.*)
1	Not applicable.		

Program Outcome #5: Third-Party Credentials (if applicable)

Baseline: 100 % (*Average of three years – 2015-16; 2016-17; 2017-18*)
Standard: 100 %
Target: 100 %

2019-2020 Action / Strategy Items:

Item #	Action / Strategy Items: (*Actions / strategies identified in the 2018-19 program review.*)	Results / Use of Results: (*Provide results of the action / strategy identified. Was the action / strategy successful? If not, did you want to continue this action / strategy going forward? If so, please include this action / strategy in the 2020-21 action / strategies table below.*)
1	Track number of third-party credentials acquired within each of the courses.	This strategy item was successful. All students enrolled in the automotive programs are given the chance to obtain numerous third party certifications. These certifications are embedded into the GM ASEP and MM ATEP curriculum.

Third-Party Credentials

Academic Year Fall, Spring, Summer	Credentials for Program of Study	# Tested (duplicated)	# Passed
2015-2016	There are multiple certifications embedded within the automotive courses. Students cannot proceed until prerequisites and core competencies are met. Refer to the detailed chart placed in the program review.		
2016-2017			
2017-2018			
2018-2019			

Provide narrative for analysis of third-party credentials data (*Based on the data, provide a narrative of your analysis of third-party credentials. Are there other industry-recognized credentials that need to be addressed for the program of study? What are other means to promote program third-party credentials.*)

Every year, our manufacture partners that offer these third party certifications, change or update the material. For example, Snap on Tools updates/changes the operation of various equipment each year. The curriculum and certification also changes. This ensures the student is trained on the most up to date equipment and receives the most current certification.

Provide narrative for analysis of third-party credentials standard/target (*As a result of the data analysis, indicate changes to the standard or target. Did you meet your standard/target? If you met your standard/target, what percentage would you like to increase your standard/target?*)

Yes. The target was meet. The current standard and target are already at 100 percent.

2020-2021 Action / Strategy Items:
(*Identify and address outcome assessments that fall below the established standard and/or target and additional recommendations resulting from the review.*)

Item	Action / Strategy Items (*Identify action items as a result of your program outcome assessment.*)	Target Date (*Identify your projected target*	Assessment of Action Items (*State the method of assessment; how you plan to*

		date for completion of action items.)	*evaluate/assess the results of the action items.)*
1	Track number of third-party credentials acquired within each of the courses.	Fall 2021	With all students enrolled in the automotive programs given the chance to obtain these third party certifications, it is expected the success rate stays at 100 percent.

Program Outcome #6: Other Assessment (if applicable)

2019-2020 Action / Strategy Items:

Item #	Action / Strategy Items: *(Actions / strategies identified in the 2018-19 program review.)*	Results / Use of Results: *(Provide results of the action / strategy identified. Was the action / strategy successful? If not, did you want to continue this action / strategy going forward? If so, please include this action / strategy in the 2020-21 action / strategies table below.)*
1	Not applicable.	

2020-2021 Action / Strategy Items:
(Identify and address outcome assessments that fall below the established standard and/or target and additional recommendations resulting from the review.)

Item	Action / Strategy Items *(Identify action items as a result of your program outcome assessment.)*	Target Date *(Identify your projected target date for completion of action items.)*	Assessment of Action Items *(State the method of assessment; how you plan to evaluate/assess the results of the action items.)*
1	Not applicable.		
2			