

**Course Assessment Report  
Washtenaw Community College**

Discipline	Course Number	Title
Auto Services (new)	135	ASV 135 03/24/2020- Facility Operations
Division	Department	Faculty Preparer
Advanced Technologies and Public Service Careers	Transportation Technologies	Justin Morningstar
Date of Last Filed Assessment Report		

**I. Review previous assessment reports submitted for this course and provide the following information.**

1. Was this course previously assessed and if so, when?

No

2. Briefly describe the results of previous assessment report(s).

3.

4. Briefly describe the Action Plan/Intended Changes from the previous report(s), when and how changes were implemented.

5.

**II. Assessment Results per Student Learning Outcome**

Outcome 1: Read and interpret state laws regarding mechanic licensing requirements.

- Assessment Plan
  - Assessment Tool: Common departmental exams
  - Assessment Date: Fall 2015
  - Course section(s)/other population: All sections
  - Number students to be assessed: All students
  - How the assessment will be scored: Common departmental exam will be scored using Blackboard.
  - Standard of success to be used for this assessment: 70% of the students will score an overall average of 70% or higher.

- Who will score and analyze the data: Departmental faculty

1. Indicate the Semester(s) and year(s) assessment data were collected for this report.

Fall (indicate years below)	Winter (indicate years below)	SP/SU (indicate years below)
		2019

2. Provide assessment sample size data in the table below.

# of students enrolled	# of students assessed
20	21

3. If the number of students assessed differs from the number of students enrolled, please explain why all enrolled students were not assessed, e.g. absence, withdrawal, or did not complete activity.

All 21 students are being assessed from this face-to-face class. This class runs infrequently, so there is only data from summer of 2019 to be assessed.

4. Describe how students from all populations (day students on campus, DL, MM, evening, extension center sites, etc.) were included in the assessment based on your selection criteria.

This assessment includes all sections that have been run since the last assessment.

5. Describe the process used to assess this outcome. Include a brief description of this tool and how it was scored.

This learning outcome is tested during the student's final exam and is a common departmental exam. The exam is a combination of a capstone project and 40 questions. The second 20 questions assess the students' understanding of Michigan state laws regarding mechanic licensing requirements.

[5] Superior (100 - 90%)

[4] Excellent (89 - 70%)

[3] Average (69 - 60%)

[2] Below Average (59% and below)

[1] Incomplete N/A Not Available for viewing/evaluation or did not complete.

The standard of success for this outcome is at least 70% of students will score an average of 70% or higher.

6. Briefly describe assessment results based on data collected for this outcome and tool during the course assessment. Discuss the extent to which students achieved this learning outcome and indicate whether the standard of success was met for this outcome and tool.

Met Standard of Success: <u>Yes</u>
[5] Superior (100 - 90%) = 21 Students
[4] Excellent (89 - 70%) = 0 Students
[3] Average (69 - 60%) = 0 Students
[2] Below Average (59% and below) = 0 Students
[1] Incomplete N/A Not Available for viewing/evaluation or did not complete = 0 Students
The standard of success was met for this outcome with over 70% of students scoring an average of 70% or higher.
100% of students scored 70% or higher.

7. Based on your interpretation of the assessment results, describe the areas of strength in student achievement of this learning outcome.

Students performed exceptionally well on their final exams in their understanding of Michigan state laws and mechanic licensing. Although not used for assessment, the use of a capstone project seemed to greatly improve their understanding.

8. Based on your analysis of student performance, discuss the areas in which student achievement of this learning outcome could be improved. If student met standard of success, you may wish to identify your plans for continuous improvement.

Students performed exceptionally well on their final exams. The final exam will need to be reevaluated to be sure it is testing at a high enough level or possibly add the capstone project as an additional assessment tool.

Outcome 2: Prepare a service repair order with technician information and service labor time standards.

- Assessment Plan
  - Assessment Tool: Common departmental exams
  - Assessment Date: Fall 2015

- Course section(s)/other population: All sections
- Number students to be assessed: All students
- How the assessment will be scored: Common departmental exam will be scored using Blackboard.
- Standard of success to be used for this assessment: 70% of the students will score an overall average of 70% or higher.
- Who will score and analyze the data: Departmental faculty

1. Indicate the Semester(s) and year(s) assessment data were collected for this report.

Fall (indicate years below)	Winter (indicate years below)	SP/SU (indicate years below)
		2019

2. Provide assessment sample size data in the table below.

# of students enrolled	# of students assessed
20	21

3. If the number of students assessed differs from the number of students enrolled, please explain why all enrolled students were not assessed, e.g. absence, withdrawal, or did not complete activity.

All 21 students are being assessed from this face-to-face class. This class runs infrequently, so there is only data from summer of 2019 to be assessed.

4. Describe how students from all populations (day students on campus, DL, MM, evening, extension center sites, etc.) were included in the assessment based on your selection criteria.

This assessment includes all sections that have been run since the last assessment.

5. Describe the process used to assess this outcome. Include a brief description of this tool and how it was scored.

This learning outcome is tested during the student's midterm exam and is a common departmental exam. The exam is 50 questions and assesses the students' understanding and ability to follow the correct steps to prepare a repair order acceptable to industry standards

[5] Superior (100 - 90%)

[4] Excellent (89 - 70%)

[3] Average (69 - 60%)  
[2] Below Average (59% and below)  
[1] Incomplete N/A Not Available for viewing/evaluation or did not complete.  
The standard of success for this outcome is at least 70% of students will score an average of 70% or higher.

6. Briefly describe assessment results based on data collected for this outcome and tool during the course assessment. Discuss the extent to which students achieved this learning outcome and indicate whether the standard of success was met for this outcome and tool.

Met Standard of Success: Yes  
[5] Superior (100 - 90%) = 18 Students  
[4] Excellent (89 - 70%) = 2 Students  
[3] Average (69 - 60%) = 0 Students  
[2] Below Average (59% and below) = 0 Students  
[1] Incomplete N/A Not Available for viewing/evaluation or did not complete = 1 Students  
The standard of success was met for this outcome with over 70% of students scoring an average of 70% or higher.  
95.2% of students scored 70% or higher.

7. Based on your interpretation of the assessment results, describe the areas of strength in student achievement of this learning outcome.

Students performed well on the area of properly preparing a service repair order that complies with industry standards.

8. Based on your analysis of student performance, discuss the areas in which student achievement of this learning outcome could be improved. If student met standard of success, you may wish to identify your plans for continuous improvement.

This assessment tool could be updated and possibly enhanced.

Outcome 3: Read and interpret repair facility licensing requirements and guidelines.

- Assessment Plan
  - Assessment Tool: Common departmental exams
  - Assessment Date: Fall 2015
  - Course section(s)/other population: All sections
  - Number students to be assessed: All students
  - How the assessment will be scored: Common departmental exam will be scored using Blackboard.
  - Standard of success to be used for this assessment: 70% of the students will score an overall average of 70% or higher.
  - Who will score and analyze the data: Departmental faculty

1. Indicate the Semester(s) and year(s) assessment data were collected for this report.

Fall (indicate years below)	Winter (indicate years below)	SP/SU (indicate years below)
		2019

2. Provide assessment sample size data in the table below.

# of students enrolled	# of students assessed
20	21

3. If the number of students assessed differs from the number of students enrolled, please explain why all enrolled students were not assessed, e.g. absence, withdrawal, or did not complete activity.

All 21 students are being assessed from this face-to-face class. This class runs infrequently, so there is only data from summer of 2019 to be assessed.

4. Describe how students from all populations (day students on campus, DL, MM, evening, extension center sites, etc.) were included in the assessment based on your selection criteria.

This assessment includes all sections that have been run since the last assessment.

5. Describe the process used to assess this outcome. Include a brief description of this tool and how it was scored.

This learning outcome is tested during the students' final exam and is a common departmental exam. The exam is a combination of a capstone project and 40 questions. The first 20 questions assess the students' understanding of Michigan repair facility licensing requirements and legal responsibilities.

[5] Superior (100 - 90%)

[4] Excellent (89 - 70%)

[3] Average (69 - 60%)

[2] Below Average (59% and below)

[1] Incomplete N/A Not Available for viewing/evaluation or did not complete.

The standard of success for this outcome is at least 70% of students will score an average of 70% or higher.

6. Briefly describe assessment results based on data collected for this outcome and tool during the course assessment. Discuss the extent to which students achieved this learning outcome and indicate whether the standard of success was met for this outcome and tool.

Met Standard of Success: Yes

[5] Superior (100 - 90%) = 21 Students

[4] Excellent (89 - 70%) = 0 Students

[3] Average (69 - 60%) = 0 Students

[2] Below Average (59% and below) = 0 Students

[1] Incomplete N/A Not Available for viewing/evaluation or did not complete = 0 Students

The standard of success was met for this outcome with over 70% of students scoring an average of 70% or higher.

100% of students scored 70% or higher.

7. Based on your interpretation of the assessment results, describe the areas of strength in student achievement of this learning outcome.

Students performed exceptionally well on the final exams in their understanding of Michigan state laws and regulations surrounding repair facility licensing.

Although not used for assessment, the use of a capstone project seemed to greatly improve their understanding.

8. Based on your analysis of student performance, discuss the areas in which student achievement of this learning outcome could be improved. If student met standard of success, you may wish to identify your plans for continuous improvement.

Students performed exceptionally well on their final exams. The final exam will need to be reevaluated to be sure it is testing at a high enough level or possibly add the capstone project as an additional assessment tool.

### III. Course Summary and Intended Changes Based on Assessment Results

1. Based on the previous report's Intended Change(s) identified in Section I above, please discuss how effective the changes were in improving student learning.

There were no previous changes to this course.

2. Describe your overall impression of how this course is meeting the needs of students. Did the assessment process bring to light anything about student achievement of learning outcomes that surprised you?

This course seems to be meeting the needs of the students; their performance was good and the participation rate was high in all class activities. This assessment showed that all students were performing at a higher level than expected and the testing tools may need to be enhanced to better assess their performance.

3. Describe when and how this information, including the action plan, was or will be shared with Departmental Faculty.

This assessment will be shared at a department meeting for comment and review by faculty. It will also be reviewed by the department chair and any faculty involved in adjustments to this course's curriculum.

4. Intended Change(s)

Intended Change	Description of the change	Rationale	Implementation Date
Assessment Tool	The midterm and final exams will be strengthened and the assessment questions will be realigned to better represent the	The midterm and final exams will be strengthened and the assessment questions will be realigned to better represent the	2022



	student learning in this class. We will also look into the feasibility of using this course's capstone project in the assessment process.	student learning in this class. We will also look into the feasibility of using this course's capstone project in the assessment process.	
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5. Is there anything that you would like to mention that was not already captured?

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### III. Attached Files

[Summer 2019](#)

**Faculty/Preparer:** Justin Morningstar **Date:** 08/20/2020  
**Department Chair:** Allen Day **Date:** 08/20/2020  
**Dean:** Jimmie Baber **Date:** 08/26/2020  
**Assessment Committee Chair:** Shawn Deron **Date:** 02/27/2021