

OSU-Okmulgee
Academic Programs Form A
ASSESSMENT REPORT FOR

Automotive Technology

(Unit)

Automotive Collision Technology

(Program Emphasis or Specialization)

A.A.S.

(Degree)

2003 – 2004

(Assessment Period Covered)

June 12, 2003

(Date Submitted)

Submitted By: Mike Avant, John Pemberton, Kelly Ingold, Wendell Milne

(Collision Program Chair and Faculty)

OSU-Okmulgee
Academic Programs Form B
ASSESSMENT REPORT FOR

Auto/HEVi

(Unit)

Collision

(Program Emphasis or Specialization)

2003-2004

(Assessment Period Covered)

22 October 2003

(Date Submitted)

Expanded Statement of Institutional Purpose Linkage

Reference Institutional Mission Statement below:

OSU-Okmulgee's mission is to serve as the lead institution of higher education in Oklahoma and the region providing comprehensive, high-quality, advancing technology programs and services to prepare and sustain a diverse student body as competitive members of a world-class workforce and contributing member of society.

Indicate Mission/Purpose of the Transportation Division and relate it to the OSU-Okmulgee Mission below:

Unit Mission: The Automotive/HEVI Division of OSU-Okmulgee prepares students to become efficient and productive entry-level automotive service, automotive collision, medium/heavy duty truck, heavy equipment, industrial equipment and mechanical/electrical diagnostic and repair technicians. This is accomplished through manufacturer and industry specific programs incorporating a combination of on-campus and off-campus educational experiences. The partners and industries served include the dealerships of Daimler Chrysler, Ford, General Motors, Nissan and Toyota: Independent Service Centers: Collision Repair Centers: selected distributors of Caterpillar, Komatsu, Freightliner, Toyota Industrial Equipment and companies serving the Natural Gas Industry.

Indicate Mission/Purpose of the Unit and relate it to the OSU-Okmulgee Mission below:

Unit Mission: The Automotive Technology Program's mission is to prepare students to become qualified technicians for defined industries and provide a firm base for continued success in their career.

Indicate Mission/Purpose of the Program of Study (Emphasis or Specialization) and relate it to the Unit Mission below:

Program/Emphasis or Specialization Mission: The Automotive Collision Technology program prepares students as technicians in the areas of refinishing, structural, and non-structural with precision accuracy, problem solving strategies, and keen analysis.

List Intended Program of Study Objectives to be Assessed This Year:

Core Objective 1. Effectively communicate electronically, verbally and in writing.

Core Objective 2. Demonstrate logical, systematic problem solving techniques.

Core Objective 3. Develop and display a sense of personal, social and professional work ethics.

Core Objective 4. Explain the cultural heritage and primary elements of the history and government of the U.S. and its people, especially as it impacts one's industry or field of study.

Core Objective 5. Access and use technology appropriate to one's industry or field of study.

Program Technical Objective 1. Demonstrate the ability to understand the fundamental of the defined industry.

Program Technical Objective 2. Diagnose, maintain and repair mechanical components.

Program Technical Objective 3. Diagnose and repair non-structural systems.

Program Technical Objective 4. Diagnose and repair structural systems.

Program Technical Objective 5. Diagnose and repair and apply refinishing systems.

Program Technical Objective 6. Demonstrate the ability to follow management systems defined by industry.

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Intended Educational (Student) Objective #1:

NOTE: There should be one form C for each intended outcome listed on form B. Intended outcome should be restated in the box immediately below with intended outcome number entered in the small blank spaces.

Core Objective 1: Effectively communicate electronically, verbally and in writing

A. First Means of Assessment for Objective Identified Above:

1 a. Means of Program Assessment & Criteria for Success: (How is outcome going to be measured and what will be considered acceptable success?)

80% of all Collision graduates will demonstrate their ability to effectively communicate electronically, verbally and in writing with an accuracy of 74% (or above) by providing the following:

Speech, SPCH 1113, --instructors will use a common grade sheet for the persuasive speech. Students must score at least 74% on that speech to be considered proficient.

Freshman Composition I, ENGL 1113, --students will do an in-class essay and a portfolio and must score at least a "C" (74%) or higher on each to be considered proficient. The contents of the portfolio are the same for all students, regardless of instructor.

Type: ● Formative ○ Summative

1 a. Description of Data Collection & Assessment Results: (complete this section in spring after assessment results are in)

86% of students who completed SPCH 1113 demonstrated their ability to effectively communicate verbally with an accuracy of 74% or higher on their persuasive speech. Data were collected by Speech faculty using SCT.

1 a. Use of Results to Improve Instructional Program: (complete in spring based on findings)

B. Second Means of Assessment for Objective Identified Above:

1 b. Means of Program Assessment & Criteria for Success:

80% of all Collision graduates will demonstrate their ability to effectively communicate electronically, verbally and in writing with an accuracy of 2 out of 4 (or above) on the AUC 2646 6th semester internship evaluation category "People Skills."

Assessment Type: Formative Summative

1 b. Description of Data Collection & Assessment Results:

Fall 2003 Cohort will complete this assessment during the 6th semester.

1 b. Use of Results to Improve Instructional Program:

NA this year.

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Intended Educational (Student) Objective #2:

NOTE: There should be one form C for each intended outcome listed on form B. Intended outcome should be restated in the box immediately below with intended outcome number entered in the small blank spaces.

Core Objective 2: Demonstrate logical, systematic problem-solving techniques

A. First Means of Assessment for Objective Identified Above:

2 a. Means of Program Assessment & Criteria for Success: (How is outcome going to be measured and what will be considered acceptable success?)

80% of Collision graduates will demonstrate their ability to perform logical, systematic problem-solving techniques by scoring 74% or higher on MATH 1513--College Algebra or MATH 2003--Business Math comprehensive examinations.

Type: Formative Summative

2 a. Description of Data Collection & Assessment Results: (complete this section in spring after assessment results are in)

21% of students who completed MATH 2003 Business Math demonstrated the ability to perform logical, systematic problem-solving techniques at the proficiency level of 74% or higher. Data were collected by math faculty teaching this class and recorded using SCT.

2 a. Use of Results to Improve Instructional Program: (complete in spring based on findings)

B. Second Means of Assessment for Objective Identified Above:

2 b. Means of Program Assessment & Criteria for Success:

80% of Collision graduates will demonstrate their ability to perform logical, systematic problem-solving techniques by scoring 74% or higher on AUC 2631 Structural Capstone final exams and assignments.

Assessment Type: Formative Summative

2 b. Description of Data Collection & Assessment Results:

Fall 2003 Cohort will complete this assessment during the 6th semester.

2 b. Use of Results to Improve Instructional Program:

NA this year.

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Intended Educational (Student) Objective #4:

NOTE: There should be one form C for each intended outcome listed on form B. Intended outcome should be restated in the box immediately below with intended outcome number entered in the small blank spaces.

Core Objective 3:

Develop and display a sense of personal, social and professional work ethics.

A. First Means of Assessment for Objective Identified Above:

3 a. Means of Program Assessment & Criteria for Success: (How is outcome going to be measured and what will be considered acceptable success?)

80% of all Collision graduates will develop and display a sense of personal, social and professional work ethics with an accuracy of 74% (or above) by completing the required Code of Ethics Analysis assignment and reflective essay from PHIL 1213 Ethics.

Type: ● Formative ○ Summative

3 a. Description of Data Collection & Assessment Results: (complete this section in spring after assessment results are in)

83% of students who completed this course demonstrated a sense of personal, social and professional work ethics with an accuracy of 74% of above by completing the required Cod of ethics Analysis assignment and reflective essay in PHIL 1213. Faculty who taught this class collected data and recorded it using SCT.

3 a. Use of Results to Improve Instructional Program: (complete in spring based on findings)

(Instructional improvements to be suggested by Ethics faculty.)

B. Second Means of Assessment for Objective Identified Above:

3 b. Means of Program Assessment & Criteria for Success:

80% of Collision students will access and use technology appropriate to one's industry or field of study with an accuracy of 2 out of 4 (or above) on the AUC 2646 6th semester internship evaluation category "General Attitude."

Assessment Type: Formative Summative

3 b. Description of Data Collection & Assessment Results:

Fall 2003 Cohort will complete this assessment during the 6th semester.

3 b. Use of Results to Improve Instructional Program:

Not applicable this year.

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Intended Educational (Student) Objective #5:

NOTE: There should be one form C for each intended outcome listed on form B. Intended outcome should be restated in the box immediately below with intended outcome number entered in the small blank spaces.

Core Objective 4:

Explain the cultural heritage and primary elements of the history and government of the U.S. and its people, especially as it impacts one's industry or field of study.

A. First Means of Assessment for Objective Identified Above:

4 a. Means of Program Assessment & Criteria for Success: (How is outcome going to be measured and what will be considered acceptable success?)

80% of all Collision graduates will demonstrate an ability to explain the cultural heritage and primary elements of the history and government of the U.S. and its people, especially as it impacts the Collision Technology field with an accuracy of 74% (or above) by completing required comprehensive exams from the designated history and government courses taken in HIST 1483-US History to 1865, HIST 1493-US History since 1865, or POLS 1113-US Government.

Type: Formative Summative

4 a. Description of Data Collection & Assessment Results: (complete this section in spring after assessment results are in)

32% of students who completed this course demonstrated an ability to explain the cultural heritage and primary elements of history of the U.S. with an accuracy of 74% or above by completing the a comprehensive exam in HIST 1493. Faculty who taught this class collected data and recorded it using SCT.

4 a. Use of Results to Improve Instructional Program: (complete in spring based on findings)

B. Second Means of Assessment for Objective Identified Above:

4 b. Means of Program Assessment & Criteria for Success:

80% of all Collision graduates will demonstrate their ability to explain the cultural heritage and primary elements of the history and government of the U.S. and its people, especially as it impacts the Collision Technology field with an accuracy of 2 out of 4 (or above) on the AUC 2646 6th semester internship evaluation category "Care of Equipment."

Assessment Type: Formative Summative

4 b. Description of Data Collection & Assessment Results:

This course not taken until 6th semester

4 b. Use of Results to Improve Instructional Program:

Not Applicable this year.

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Intended Educational (Student) Objective #6

NOTE: There should be one form C for each intended outcome listed on form B. Intended outcome should be restated in the box immediately below with intended outcome number entered in the small blank spaces.

Core Objective 5:

Access and use technology appropriate to one's industry or field of study.

A. First Means of Assessment for Objective Identified Above:

5 a. Means of Program Assessment & Criteria for Success: (How is outcome going to be measured and what will be considered acceptable success?) 80% of Collision students will access and use technology appropriate to one's industry or field of study with an accuracy of 74% (or above) on GTBT 1173-InfoTech & Applications comprehensive exam.

Type: Formative Summative

5 a. Description of Data Collection & Assessment Results: (complete this section in spring after assessment results are in)

This assessment was conducted in Fall 2003 while the Collision assessment plan was being finalized. Consequently, these data were not collected.

5 a. Use of Results to Improve Instructional Program: (complete in spring based on findings)

NA.

B. Second Means of Assessment for Objective Identified Above:

5 b. Means of Program Assessment & Criteria for Success:

80% of Collision students will access and use technology appropriate to one's industry or field of study with an accuracy of 2 out of 4 (or above) on the AUC 2646 6th semester internship evaluation category "Technology Skills."
Assessment Type: Formative Summative

5 b. Description of Data Collection & Assessment Results:

These data will not be collected until the 6th semester.

5 b. Use of Results to Improve Instructional Program:

Not Applicable this year.

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Intended Educational (Student) Objective #10:

NOTE: There should be one form C for each intended outcome listed on form B. Intended outcome should be restated in the box immediately below with intended outcome number entered in the small blank spaces.

Program Objective 1: Demonstrate the ability to understand the fundamentals of the defined industry.

A. First Means of Assessment for Objective Identified Above:

10 a. Means of Program Assessment & Criteria for Success: 80% of Collision graduates will demonstrate the ability to understand the fundamentals of the Collision industry with a proficiency of 74% (or above) on AUC 1101 Cornerstone course exams and assignments.

Type: Formative Summative

10 a. Description of Data Collection & Assessment Results: (complete this section in spring after assessment results are in)

This assessment was conducted in Fall 2003 while the Collision assessment plan was being finalized. Consequently, these data were not collected.

10 a. Use of Results to Improve Instructional Program: (complete in spring based on findings)

Not applicable.

B. Second Means of Assessment for Objective Identified Above:

10 b. Means of Program Assessment & Criteria for Success: 80% of Collision graduates will demonstrate the ability to understand the fundamentals of the Collision industry with a proficiency of 2 out of 4 (or above) on AUC 2646 6th semester internship evaluation average of all categories.

Assessment Type: Formative Summative

10 b. Description of Data Collection & Assessment Results:

This course is not taken until 6th semester.

10 b. Use of Results to Improve Instructional Program:

Not applicable this year.

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Intended Educational (Student) Objective #12:

NOTE: There should be one form C for each intended outcome listed on form B. Intended outcome should be restated in the box immediately below with intended outcome number entered in the small blank spaces.

Program Objective 2: Diagnose, maintain and repair mechanical components.

A. First Means of Assessment for Objective Identified Above:

12a. Means of Program Assessment & Criteria for Success: 80% of Collision graduates will demonstrate the ability to diagnose, maintain, and repair mechanical components with a proficiency of 74% (or above) on AUC 1302 Structural Component Repair course exams and assignments.
Type: Formative Summative

12a. Description of Data Collection & Assessment Results: (complete this section in spring after assessment results are in)

AUC 1302 was not scheduled for Spring 2004.

12a. Use of Results to Improve Instructional Program: (complete in spring based on findings)

Not Applicable.

B. Second Means of Assessment for Objective Identified Above:

12b. Means of Program Assessment & Criteria for Success: 80% of Collision graduates will demonstrate the ability to diagnose, maintain, and repair mechanical components with a proficiency of 74% (or above) on AUC 2623 Advanced Collision Repair Procedures course exams and assignments.

Assessment Type: Formative Summative

12b. Description of Data Collection & Assessment Results:

Fall 2003 Cohort will not take this course until their second year.

12b. Use of Results to Improve Instructional Program:

Not Applicable this year.

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Intended Educational (Student) Objective #13:

NOTE: There should be one form C for each intended outcome listed on form B. Intended outcome should be restated in the box immediately below with intended outcome number entered in the small blank spaces.

Program Objective 3: Diagnose and repair non-structural systems

A. First Means of Assessment for Objective Identified Above:

13a. Means of Program Assessment & Criteria for Success: 80% of Collision graduates will demonstrate the ability to diagnose, maintain, and repair mechanical components with a proficiency of 74% (or above) on AUC 1112 Panel Straightening/Filler Application course exams and assignments.

Type: Formative Summative

13a. Description of Data Collection & Assessment Results: (complete this section in spring after assessment results are in)

62% of students who completed AUC 1112 demonstrated the ability to diagnose, maintain, and repair mechanical components with a proficiency of 74% or higher. Data were collected by Collision faculty using SCT.

13a. Use of Results to Improve Instructional Program: (complete in spring based on findings)

B. Second Means of Assessment for Objective Identified Above:

13b. Means of Program Assessment & Criteria for Success: 80% of Collision graduates will demonstrate the ability to diagnose, maintain, and repair mechanical components with a proficiency of 74% (or above) on AUC 2513 Non-structural Panel Replacement course exams and assignments.

Assessment Type: Formative Summative

13b. Description of Data Collection & Assessment Results:

86% of students who completed AUC 2513 demonstrated the ability to diagnose, maintain, and repair mechanical components with a proficiency of 74% or higher. Data were collected by Collision faculty using SCT.

13b. Use of Results to Improve Instructional Program:

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Core Objectives

Intended Educational (Student) Objective #14:

NOTE: There should be one form C for each intended outcome listed on form B. Intended outcome should be restated in the box immediately below with intended outcome number entered in the small blank spaces.

Program Objective 4: Diagnose and repair structural systems.

A. First Means of Assessment for Objective Identified Above:

14 a. Means of Program Assessment & Criteria for Success: 80% of Collision graduates will demonstrate the ability to diagnose, maintain, and repair mechanical components with a proficiency of 74% (or above) on AUC 1102 Chassis Analysis course exams and assignments.
Type: Formative Summative

14 a. Description of Data Collection & Assessment Results: (complete this section in spring after assessment results are in)

57% of students who completed AUC 1102 demonstrated the ability to diagnose, maintain, and repair mechanical components with a proficiency of 74% or higher. Data were collected by Collision faculty using SCT.

14 a. Use of Results to Improve Instructional Program: (complete in spring based on findings)

B. Second Means of Assessment for Objective Identified Above:

14 b. Means of Program Assessment & Criteria for Success: 80% of Collision graduates will demonstrate the ability to diagnose, maintain, and repair mechanical components with a proficiency of 74% (or above) on AUC 2623 Advanced Collision Repair Procedures course exams and assignments.

Assessment Type: Formative Summative

14 b. Description of Data Collection & Assessment Results:

Fall 2003 Cohort students will complete this course during the second year.

14 b. Use of Results to Improve Instructional Program:

Not Applicable this year.

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Intended Educational (Student) Objective #15:

NOTE: There should be one form C for each intended outcome listed on form B. Intended outcome should be restated in the box immediately below with intended outcome number entered in the small blank spaces.

Program Objective 5: Diagnose, repair and apply refinishing systems.

A. First Means of Assessment for Objective Identified Above:

15 a. Means of Program Assessment & Criteria for Success: 80% of Collision graduates will demonstrate the ability to diagnose, maintain, and apply refinishing systems with a proficiency of 74% (or above) on AUC 1212 Refinishing Equipment/Processes course exams and assignments.
Type: ● Formative ○ Summative

15 a. Description of Data Collection & Assessment Results: (complete this section in spring after assessment results are in)

73% of students who completed AUC 1212 demonstrated the ability to diagnose, maintain, and apply refinishing systems with a proficiency of 74% or higher. Data were collected by Collision faculty using SCT.

15 a. Use of Results to Improve Instructional Program: (complete in spring based on findings)

B. Second Means of Assessment for Objective Identified Above:

15 b. Means of Program Assessment & Criteria for Success: 80% of Collision graduates will demonstrate the ability to diagnose, maintain, and apply refinishing systems with a proficiency of 74% (or above) on AUC 2403 Production Refinishing Processes course exams and assignments.

Assessment Type: Formative Summative

15 b. Description of Data Collection & Assessment Results:

100% of students who completed AUC 2403 demonstrated the ability to diagnose, maintain, and apply refinishing systems with a proficiency of 74% or higher. Data were collected by Collision faculty using SCT.

15 b. Use of Results to Improve Instructional Program:

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Intended Educational (Student) Objective #16:

NOTE: There should be one form C for each intended outcome listed on form B. Intended outcome should be restated in the box immediately below with intended outcome number entered in the small blank spaces.

Program Objective 6: Demonstrate the ability to follow management systems defined by industry.

A. First Means of Assessment for Objective Identified Above:

16 a. Means of Program Assessment & Criteria for Success: 80% of Collision graduates will demonstrate the ability to follow management systems defined by industry with a proficiency of 74% (or above) on AUC 1332 Collision Repair Shop Management course exams and assignments

Type: Formative Summative

16 a. Description of Data Collection & Assessment Results: (complete this section in spring after assessment results are in)

This course not offered during Spring 2004.

16 a. Use of Results to Improve Instructional Program: (complete in spring based on findings)

Not applicable.

B. Second Means of Assessment for Objective Identified Above:

16 b. Means of Program Assessment & Criteria for Success: 80% of Collision graduates will demonstrate the ability to follow management systems defined by industry with a proficiency of 2 out of 4 (or above) on AUC 2646 6th semester internship evaluation category "Contribution To The Organization."
Assessment Type: Formative Summative

16 b. Description of Data Collection & Assessment Results:

Fall 2003 cohort will take this course during the 6th semester.

16 b. Use of Results to Improve Instructional Program:

Not applicable this year.