

Washtenaw Community College Comprehensive Report

ATT 231 Project Management and Implementation in Auto Body Effective Term: Fall 2025

Course Cover

College: Advanced Technologies and Public Service Careers

Division: Advanced Technologies and Public Service Careers

Department: Transportation Technologies

Discipline: Automotive & Transportation Tech (new)

Course Number: 231

Org Number: 14100

Full Course Title: Project Management and Implementation in Auto Body

Transcript Title: Proj Mgmt & Implem - Auto Body

Is Consultation with other department(s) required: No

Publish in the Following: College Catalog , Time Schedule , Web Page

Reason for Submission: Course Change

Change Information:

Outcomes/Assessment

Rationale: Update the course for the new discipline.

Proposed Start Semester: Fall 2024

Course Description: In this course, students will develop and implement a project plan for specific auto body applications. Students will practice identifying project tasks, skill levels required, costs, necessary materials and the time needed to complete the project. Following the development of the project plan, students will track their progress as they apply their skills and abilities to complete these tasks in a real-world atmosphere. This course was previously ABR 231.

Course Credit Hours

Variable hours: No

Credits: 4

Lecture Hours: Instructor: 45 **Student:** 45

Lab: Instructor: 60 **Student:** 60

Clinical: Instructor: 0 **Student:** 0

Total Contact Hours: Instructor: 105 **Student:** 105

Repeatable for Credit: NO

Grading Methods: Letter Grades

Audit

Are lectures, labs, or clinicals offered as separate sections?: NO (same sections)

College-Level Reading and Writing

College-level Reading & Writing

College-Level Math

Requisites

Prerequisite

ATT 123 minimum grade C

and

Prerequisite

ATT 124 minimum grade C

General Education**Request Course Transfer****Proposed For:****Student Learning Outcomes**

1. Develop a project plan document.

Assessment 1

Assessment Tool: Outcome-related project plan

Assessment Date: Fall 2025

Assessment Cycle: Every Three Years

Course section(s)/other population: All

Number students to be assessed: All

How the assessment will be scored: Departmentally-developed rubric

Standard of success to be used for this assessment: 75% of the students will score 80% or higher.

Who will score and analyze the data: Departmental faculty

2. Estimate project cost and completion timelines.

Assessment 1

Assessment Tool: Outcome-related estimate

Assessment Date: Fall 2025

Assessment Cycle: Every Three Years

Course section(s)/other population: All

Number students to be assessed: All

How the assessment will be scored: Departmentally-developed rubric

Standard of success to be used for this assessment: 75% of the students will score 80% or higher.

Who will score and analyze the data: Departmental faculty

3. Coordinate parts and materials for ordering and delivery.

Assessment 1

Assessment Tool: Outcome-related skills checklist

Assessment Date: Fall 2025

Assessment Cycle: Every Three Years

Course section(s)/other population: All

Number students to be assessed: All

How the assessment will be scored: Departmentally-developed rubric

Standard of success to be used for this assessment: 75% of the students will score 80% or higher.

Who will score and analyze the data: Departmental faculty

4. Demonstrate the ability to systematically complete assigned tasks and track the progress of the project.

Assessment 1

Assessment Tool: Outcome-related skills checklist

Assessment Date: Fall 2025

Assessment Cycle: Every Three Years

Course section(s)/other population: All

Number students to be assessed: All

How the assessment will be scored: Departmentally-developed rubric

Standard of success to be used for this assessment: 75% of the students will score 80% or higher.

Who will score and analyze the data: Departmental faculty

5. Evaluate the project plan and completed project to identify areas where improvement is needed.

Assessment 1

Assessment Tool: Repair order form

Assessment Date: Fall 2025

Assessment Cycle: Every Three Years

Course section(s)/other population: All

Number students to be assessed: All

How the assessment will be scored: Departmentally-developed rubric

Standard of success to be used for this assessment: 75% of the students will score 80% or higher on the repair order form.

Who will score and analyze the data: Departmental faculty

Course Objectives

1. Adhere to safe work practices.
2. Select tools and equipment using knowledge of procedures to accomplish project tasks.
3. Identify all project tasks.
4. Identify the order of project tasks and project milestones.
5. Identify the time required for each task.
6. Develop a project timeline using estimated task time.
7. Estimate total project length using timeline and milestones. Determine if the project can be accomplished within the time allotted.
8. Generate parts and materials list and estimate cost.
9. Research parts and materials availability.
10. Research parts and materials lead times and how they impact the project timeline.
11. Identify total project costs and determine if it is affordable.
12. Order parts and materials.
13. Recognize different types of skills required to perform a complex project in industry.
14. Determine opportunities for efficiency improvements.
15. Track progress against the project plan.
16. Evaluate performance against the project plan.
17. Identify areas needing improvement.
18. Safely and accurately perform project tasks according to the plan.

New Resources for Course

Course Textbooks/Resources

Textbooks

Manuals

Periodicals

Software

Equipment/Facilities

Level III classroom

Reviewer

Faculty Preparer:

Shawn Deron

Department Chair/Area Director:

Action

Faculty Preparer

Date

Mar 27, 2024

<i>Rocky Roberts</i>	<i>Recommend Approval</i>	<i>Mar 27, 2024</i>
Dean:		
<i>Eva Samulski</i>	<i>Recommend Approval</i>	<i>Apr 03, 2024</i>
Curriculum Committee Chair:		
<i>Randy Van Wagnen</i>	<i>Recommend Approval</i>	<i>Mar 20, 2025</i>
Assessment Committee Chair:		
<i>Jessica Hale</i>	<i>Recommend Approval</i>	<i>Mar 20, 2025</i>
Vice President for Instruction:		
<i>Brandon Tucker</i>	<i>Approve</i>	<i>Mar 21, 2025</i>

Washtenaw Community College Comprehensive Report

ABR 231 Project Management and Implementation in Auto Body Effective Term: Winter 2012

Course Cover

Division: Advanced Technologies and Public Service Careers

Department: Automotive Body

Discipline: Auto Body Repair

Course Number: 231

Org Number: 14110

Full Course Title: Project Management and Implementation in Auto Body

Transcript Title: Proj Mgmt & Implem - Auto Body

Is Consultation with other department(s) required: No

Publish in the Following: College Catalog , Time Schedule , Web Page

Reason for Submission: New Course

Change Information:

Change in Grading Method

Outcomes/Assessment

Objectives/Evaluation

Rationale: Conditionally approved course; seeking full approval. Course to be used as an elective in the revised auto body repair program.

Proposed Start Semester: Winter 2011

Course Description: Students will develop and implement a project plan for specific auto body applications. They will practice identifying project tasks, skills levels required, costs, necessary materials and the time needed to complete the project. Following the development of the project plan, students will track their progress as they apply their skills and abilities to complete these tasks in a real world atmosphere.

Course Credit Hours

Variable hours: No

Credits: 4

Lecture Hours: Instructor: 45 **Student:** 45

Lab: Instructor: 60 **Student:** 60

Clinical: Instructor: 0 **Student:** 0

Total Contact Hours: Instructor: 105 **Student:** 105

Repeatable for Credit: NO

Grading Methods: Letter Grades

Audit

Are lectures, labs, or clinicals offered as separate sections?: NO (same sections)

College-Level Reading and Writing

College-level Reading & Writing

College-Level Math

Requisites

Prerequisite

ABR 123 minimum grade "C"

Prerequisite

ABR 124 minimum grade "C"

General Education

Request Course Transfer

Proposed For:

Student Learning Outcomes

1. Develop a project plan document.

Assessment 1

Assessment Tool: Achievement Record

Assessment Date: Fall 2013

Assessment Cycle: Every Three Years

Course section(s)/other population: all sections

Number students to be assessed: all students in all sections

How the assessment will be scored: departmentally-developed rubric

Standard of success to be used for this assessment: 75% of the students will score an average of 80% or higher

Who will score and analyze the data: department faculty

2. Estimate project cost and completion timelines.

Assessment 1

Assessment Tool: Achievement Record

Assessment Date: Fall 2013

Assessment Cycle: Every Three Years

Course section(s)/other population: all sections

Number students to be assessed: all students in all sections

How the assessment will be scored: departmentally-developed rubric

Standard of success to be used for this assessment: 75% of the students will score an average of 80% or higher

Who will score and analyze the data: department faculty

3. Coordinate parts and materials for ordering and delivery.

Assessment 1

Assessment Tool: Achievement Record

Assessment Date: Fall 2013

Assessment Cycle: Every Three Years

Course section(s)/other population: all sections

Number students to be assessed: all students in all sections

How the assessment will be scored: departmentally-developed rubric

Standard of success to be used for this assessment: 75% of the students will score an average of 80% or higher

Who will score and analyze the data: department faculty

4. Demonstrate the ability to systematically complete assigned tasks and track the progress of the project.

Assessment 1

Assessment Tool: Achievement Record

Assessment Date: Fall 2013

Assessment Cycle: Every Three Years

Course section(s)/other population: all sections

Number students to be assessed: all students in all sections

How the assessment will be scored: departmentally-developed rubric

Standard of success to be used for this assessment: 75% of the students will score an average of 80% or higher

Who will score and analyze the data: department faculty

5. Evaluate the project plan and completed project to identify areas where improvement is

needed.

Assessment 1

Assessment Tool: Repair Order Form

Assessment Date: Fall 2013

Assessment Cycle: Every Three Years

Course section(s)/other population: all sections

Number students to be assessed: all students in all sections

How the assessment will be scored: departmentally-developed rubric

Standard of success to be used for this assessment: 75% of the students will score an average of 80% or higher on the repair order form.

Who will score and analyze the data: department faculty

Course Objectives

1. Adhere to safe work practices.
Matched Outcomes
2. Select tools and equipment using knowledge of procedures to accomplish project tasks.
Matched Outcomes
3. Identify all project tasks.
Matched Outcomes
 1. Develop a project plan document.
4. Identify the order of project tasks and project milestones.
Matched Outcomes
 1. Develop a project plan document.
5. Identify the time required for each task.
Matched Outcomes
 1. Develop a project plan document.
 4. Demonstrate the ability to systematically complete assigned tasks and track the progress of the project.
6. Using estimated task time, develop the project timeline.
Matched Outcomes
 1. Develop a project plan document.
 4. Demonstrate the ability to systematically complete assigned tasks and track the progress of the project.
7. Estimate total project length using timeline and milestones. Determine if project can be accomplished within the time allotted.
Matched Outcomes
 1. Develop a project plan document.
 4. Demonstrate the ability to systematically complete assigned tasks and track the progress of the project.
8. Generate parts and materials list and estimate cost.
Matched Outcomes
 1. Develop a project plan document.
9. Research parts and materials availability.
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10. Research parts and materials lead times and how they impact the project timeline.
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 1. Develop a project plan document.
11. Identify total project costs and determine if it is affordable.
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 1. Develop a project plan document.
 2. Estimate project cost and completion timelines.
12. Order parts and materials.
Matched Outcomes
13. Recognize different types of skills required to perform a complex project in industry.
Matched Outcomes
 1. Develop a project plan document.
 4. Demonstrate the ability to systematically complete assigned tasks and track the

- progress of the project.
14. Determine opportunities for efficiencies.
Matched Outcomes
 15. Track progress against the project plan.
Matched Outcomes
 4. Demonstrate the ability to systematically complete assigned tasks and track the progress of the project.
 16. Evaluate performance against the project plan.
Matched Outcomes
 1. Develop a project plan document.
 17. Identify areas needing improvement.
Matched Outcomes
 18. Safely and accurately perform project tasks according to the plan.
Matched Outcomes
 4. Demonstrate the ability to systematically complete assigned tasks and track the progress of the project.

New Resources for Course

Course Textbooks/Resources

Textbooks
 Manuals
 Periodicals
 Software

Equipment/Facilities

Level III classroom

<u>Reviewer</u>	<u>Action</u>	<u>Date</u>
Faculty Preparer: <i>Scott Malnar</i>	<i>Faculty Preparer</i>	<i>Aug 12, 2011</i>
Department Chair/Area Director: <i>Scott Malnar</i>	<i>Recommend Approval</i>	<i>Aug 17, 2011</i>
Dean: <i>Ross Gordon</i>	<i>Recommend Approval</i>	<i>Aug 22, 2011</i>
Vice President for Instruction: <i>Stuart Blacklaw</i>	<i>Approve</i>	<i>Sep 22, 2011</i>