

# Automotive Technology - Collision Repair

ASSOCIATE OF APPLIED SCIENCE DEGREE (AAS)

REQUIRED CREDITS: 60

DEGREE CODE: AUTOTCRAAS

## DESCRIPTION

The Collision Repair program is designed to prepare students as entry level collision repair technicians. Students will earn I-CAR (Industry Council for Automotive Repair) certification points in 26 different areas including customer service, estimating, welding, plastics, and paint and refinish. Successful students will become proficient in safe working procedures, structural, and nonstructural repairs, refinishing techniques, and estimating.

## STUDENT LEARNING OUTCOMES

- Understand, identify, and implement safe working procedures and pass the SP/2 examinations.
- Perform nonstructural, structural, paint, and refinish operations.
- Complete the appropriate ICAR certifications.
- Prepare to take the following ASE examinations: ASE B2, ASE B3, and ASE B4.

**PLEASE NOTE** - The courses listed below may require a prerequisite or corequisite. Read course descriptions before registering for classes. All MATH and ENG courses numbered 01-99 must be completed before reaching 30 total college-level credits. No course under 100-level counts toward degree completion.

## GENERAL EDUCATION REQUIREMENTS (22 CREDITS)

### MATHEMATICS (3 credits)

Recommended: MATH 104B Applied Mathematics

### ENGLISH COMPOSITION (3-5 credits)

Recommended: ENG 107 Technical Communications I

### COMMUNICATIONS (3 credits)

Recommended: COM 115 Applied Communication

### HUMAN RELATIONS (3 credits)

Recommended: ALS 101 College Success

### NATURAL SCIENCE (3 credits)

Recommended: AST 101 General Astronomy

### FINE ARTS/HUMANITIES/ SOCIAL SCIENCE (3 credits)

Recommended: COM 101 Oral Communication

### U.S. AND NEVADA CONSTITUTIONS (4-6 credits)

Recommended: PSC 101 Introduction to American Politics

## SPECIAL PROGRAM REQUIREMENTS (38 CREDITS)

ABDY 101B Collision Repair Fundamentals and Estimating	4
ABDY 110B Paint and Refinish I	4
ABDY 120B NonStructural Welding	4
ABDY 122B NonStructural Body and Panel and Trim	4
ABDY 150B Structural I	4
ABDY 152B Structural II	4
ABDY 180B Nonstructural Advanced Body Panel	4
ABDY 220B Paint and Refinish II	4
AUTO 105B Automotive Maintenance I	2
AUTO 115B Automotive Electricity and Electronics I	4

## FULL-TIME STUDENT DEGREE PLAN

*Add more semesters to modify this plan to fit part-time student needs.*

FIRST SEMESTER	Credits
MATH 104B Applied Mathematics	3
ALS 101 College Success	3
AUTO 105B Automotive Maintenance	2
ABDY 101B Collision Repair Fundamentals and Estimating	4
<b>TOTAL CREDITS</b> .....	<b>12</b>

SECOND SEMESTER	Credits
ENG 107 Technical Communications	3
ABDY 110B Paint and Refinish I	4
ABDY 120B Non-Structural Welding	4
ABDY 122B Non-Structural Body and Panel and Trim	4
<b>TOTAL CREDITS</b> .....	<b>15</b>

THIRD SEMESTER	Credits
COM 115 Applied Communication	3
AST 101 General Astronomy	3
AUTO 115B Automotive Electricity and Electronics	4
ABDY 150B Structural I	4
ABDY 180B Non-Structural Advanced Body Panel	4
<b>TOTAL CREDITS</b> .....	<b>18</b>

FOURTH SEMESTER	Credits
COM 101 Oral Communication	3
PSC 101 Introduction to American Politics	4
ABDY 152B Structural II	4
ABDY 220B Paint and Refinish II	4
<b>TOTAL CREDITS</b> .....	<b>15</b>
<b>DEGREE PLAN TOTAL CREDITS</b> .....	<b>60</b>

- NOTE**
- Course numbers with the “B” suffix may be non-transferable for a NSHE baccalaureate degree.
  - Course numbers with the “H” suffix are designated Honors-level courses and can be used to fulfill equivalent general education requirements. For more information visit [www.csn.edu/honors](http://www.csn.edu/honors).
  - In no case, may one course be used to meet more than one requirement except for the Values and Diversity general education requirement (only AA, AS, and AB degrees) which may be used to fulfill the corresponding general education or emphasis requirement.
  - Students may elect to graduate using the degree requirements in effect at the time of matriculation, or when they declared or changed major or the current catalog. If a program is official after a student has matriculated, the student may choose the degree requirements of the new program. In no case may a student use a catalog which is more than six years old at the time of graduation.

