

AUTO BODY TECHNOLOGY, A.A.S.

Major Code: 2054

The A.A.S. in Auto Body Technology will prepare graduates for entry into the field of automotive collision repair as specialized technicians in areas such as: tear-down and reassembly, structural realignment, metalwork, and refinishing. The series of courses required for the degree will cover topics necessary to pass the ASE/I-CAR examinations in the areas of collision repair and refinishing. The Associate Degree program will include a ten week summer work experience in collision repair.

A new, state-of-the-art, Auto Body Technology building houses a lab and classroom dedicated to auto body repair, refinishing, and estimating. Morrisville's original 50,000 square foot automotive facility provides an excellent opportunity for students to develop additional skills in other areas of automotive service and repair. In addition to the core collision repair courses, students receive practical laboratory experience in diagnosis and repair of electrical/electronics, air conditioning, brakes, steering, suspension, alignment, and welding.

BOCES/Technical Secondary Education will be evaluated and credit may be awarded upon successful completion of first year with a minimum of 2.0 in an automotive curriculum.

Accreditation

I-CAR non-structural and refinish platinum certifications are available to AAS Auto Body Technology graduates who pass the certification exam.

Graduation Requirements

All AAS programs require a minimum of 60 credit hours including 20 credit hours from Liberal Arts and Science courses. To fulfill these requirements along with the required courses for this program, 60 credits are required for this program. Students must maintain a GPA of 2.0 or greater in all Automotive classes. An overall GPA of 2.0 or higher is required for graduation.

Program Requirement

Students are required to have a tool set and roll around tool box.

Student Learning Outcomes

Upon Successful completion of this program, students will be able to:

- Demonstrate proper metal joining and straightening methods
- Inspect, remove, install, align panels, doors and trim to meet shop standards
- Apply safety and environmental guideline standards
- Explain written procedures as outlined in estimates
- Apply a refinish to an acceptable color match

Curriculum Requirements

A minimum of 60 credits is required for degree completion.

Code	Title	Credits
AUTO 102	Metals	3
AUTO 104	Basic Auto Electrical Systems	3
AUTO 109	Chassis Analysis I	4

AUTO 110	Summer Work Experience	3
AUTO 155	Intermediate Auto Electricity	3
AUTO 202	Autobody Fundamentals	3
AUTO 209	Chassis Analysis II	4
AUTO 259	Non-Structural Repair Refinish	5
AUTO 260	Auto Air Cond & Refrg Recovery	1
or AUTO 261	Auto Air Condition & Heat	
AUTO 269	Refinishing & Structure Mg	5
AUTO 279	Autobody Structural Repair	6
SUNY General Education Communication Written and Oral as Advised		3-6
PSYC 101	Introduction to Psychology	3
SUNY General Education Mathematics (and Quantitative Reasoning) as Advised		3
SUNY General Education Natural Sciences (and Scientific Reasoning) as Advised (3 credits minimum)		3-4
Liberal Arts & Sciences Electives ¹		5-8
Total Credits		57-64

1

Minimum 20 Liberal Arts & Sciences Credits Required for Degree.

Suggested Course Sequence

Course	Title	Credits
Year 1		
Fall		
AUTO 102	Metals	3
AUTO 104	Basic Auto Electrical Systems	3
AUTO 109	Chassis Analysis I (fall only)	4
AUTO 202	Autobody Fundamentals (fall only)	3
MATH - SUNY General Education Mathematics (and Quantitative Reasoning) as Advised		3
Credits		16
Spring		
AUTO 155	Intermediate Auto Electricity	3
AUTO 209	Chassis Analysis II (spring only)	4
AUTO 259	Non-Structural Repair Refinish (spring only)	5
SUNY General Education Communication Written and Oral as Advised		3
Credits		15
Year 2		
Fall		
AUTO 110	Summer Work Experience	3
AUTO 269	Refinishing & Structure Mg (fall only)	5
PSYC 101	Introduction to Psychology	3
SUNY General Education Natural Sciences (and Scientific Reasoning) as Advised		3-4
Credits		14-15
Spring		
AUTO 260	Auto Air Cond & Refrg Recovery	1
AUTO 279	Autobody Structural Repair (spring only)	6
SUNY General Education Basic Communication: Written and Oral or Liberal Arts & Science Course as Advised		3
Liberal Arts and Sciences Credits as Advised		5
Credits		15
Total Credits		60-61