

Minnesota Articulated College Credit (ACC) Agreement

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Agreement Name: **Auto Body Fundamentals**

Agreement Last Reviewed: **Fall 2022**

Next Review Date: **Fall 2024**

College Courses			
Class	Title	School	Credits
ABCT 1805	Auto Body Collision Technology Fundamentals	South Central College	1.0 of 2.0

Curriculum Content Objectives

This course introduces students to the auto body industry, its careers and work standards. Basic shop procedures are covered in the course and students gain insight to the equipment, personal health, safety, and special tools used in auto body repair.

To receive credit, students will perform each of the following content objectives:

- Comply with personal protection and shop safety policies.
- Summarize the principles of collision repair.
- Describe proper vehicle terminology.
- Identify repair procedures and materials.
- Identify collision repair tools and equipment.
- Exhibit professionalism.
- Demonstrate customer service.
- Describe career opportunities in the collision repair industry.

Outcomes:

- Safety, environmental concerns, and simulated Right to Know training
- Basic tools, tool usage, basic power tools, and care
- Threaded fasteners, drive types, torquing, thread compounds, cutting methods, gluing, and adhesives are covered from a generic point and not vehicle specific.
- Complete work order to include customer information, vehicle identifying information, customer concern, related service history, cause and correction. (AYES)
- Perform fastener and thread repair, to include: remove broken bolt, restore internal threads, and repair internal threads with thread insert. (AYES)
- Fabricate brake lines using proper material and flaring procedures (double flare and ISO types). (AYES)
- Replace electrical connectors and terminal ends. (AYES)
- Repair wiring harness. (AYES)

- Perform solder repair of electrical wiring. (AYES)
- Identify general shop safety rules and procedures. (AYES)
- Identify tools and their usage in automotive applications. (AYES)
- Identify standard and metric designation. (AYES)
- Demonstrate safe handling and use of appropriate tools and equipment. (AYES)
- Demonstrate proper cleaning, storage, and maintenance of tools and equipment. (AYES)

Assessments

Students must achieve no less than 80% or B for a final grade in the high school course to receive ACC. For partial earned college credits, students must take the course at the college with a tuition discount.

ACC Concepts

Through Articulated College Credit (ACC), specific college curriculum content goals and assessments are embedded in participating high school career and technical education (CTE) programs as specified in this agreement. Relevant knowledge, skills, and standards are taught by qualified CTE high school instructor(s) in one or more high school course. ACC is awarded if the student meets the college equivalency standards and later enrolls in the college(s) listed below requiring the course in a specific program.