



BODY MECHANICAL AND AIR CONDITIONING — ABCT 2230

A. Course Description

- **Credits:** 3.00
- **Lecture Hours/Week:** 1.00
- **Lab Hours/Week:** 2.00
- **OJT Hours/Week:** 0
- **Prerequisites:** None
- **Corequisites:** None
- **MnTC Goals:** None

This course will focus on auto collision related minor mechanical failures. The course will also focus on typical air conditioning procedures related to auto collision such as reclaim, recharge and replace parts as result of a collision contains subject matter related to mechanical repairs as a result of a collision. Prerequisites: ABCT 1111, ABCT 1120, ABCT 1130, ABCT 1142, ABCT 1150, ABCT 1212, ABCT1214, ABCT 1216, ABCT 1230.

B. Course Effective Dates: 3/15/98 – Present

C. Outline of Major Content Areas

As noted on course syllabus

D. Learning Outcomes

1. Inspect complete braking systems including "ABS" and advanced driver assist braking.
2. Diagnose SRS (Supplemental Restraint Systems) fault codes using scan tools to identify deployment issues and learn proper handling and disposal of airbag modules.
3. Inspect vehicle HVAC and engine cooling systems including hybrid vehicles.

E. Minnesota Transfer Curriculum Goal Area(s) and Competencies

F. Learner Outcomes Assessment

As noted on course syllabus

G. Special Information

None noted

