

# Minnesota State College Southeast

## ABCT 1440: Damage Analysis & Estimating

### A. COURSE DESCRIPTION

Credits: 2

Lecture Hours/Week: 1

Lab Hours/Week: 2

OJT Hours/Week: \*.\*

Prerequisites: None

Corequisites: None

MnTC Goals: None

This course teaches systematic approaches to determining the extent of collision damage to all areas of the vehicle. After analyzing the damage, the process of converting it into an estimated cost of repair is presented in principle along with hands-on practice and application. (Prerequisite: 20 credits or more ABCT technical courses completed or enrolled in concurrently) (2 credits: 1 lec/1 lab)

**B. COURSE EFFECTIVE DATES:** 09/24/1998 - Present

### C. OUTLINE OF MAJOR CONTENT AREAS

1. Identify the vehicle, customer information, and collision related damage
2. Use estimating database to identify part numbers, labor units, and parts prices
3. Produce an organized estimate and damage report

**D. LEARNING OUTCOMES (General)**

1. Identify professional and safe estimating procedures
2. Demonstrate professional and safe estimating procedures
3. Identify damage analysis procedures
4. Define damage
5. Identify prior damage items
6. Perform damage analysis
7. Locate and interpret vehicle identification tags
8. Define estimating terminology
9. Interpret parts diagrams
10. Describe collision manual procedures
11. Identify refinishing prices
12. Identify shop material prices
13. Utilize collision reference manuals
14. Write estimate
15. Identify computerized estimating operations
16. Define customer relations
17. Demonstrate telephone skills
18. Define final customer estimate
19. Identify methods of increasing sales
20. Define insurance claims procedures
21. Identify insurance coverage types
22. Order parts
23. Perform temporary repairs

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

None

**F. LEARNER OUTCOMES ASSESSMENT**

As noted on course syllabus

**G. SPECIAL INFORMATION**

None noted