

# Minnesota State College Southeast

## ABCT 1601: Special Projects Lab (1 cr)

### A. COURSE DESCRIPTION

Credits: 1

Lecture Hours/Week: \*.\*

Lab Hours/Week: 2

OJT Hours/Week: \*.\*

Prerequisites: None

Corequisites: None

MnTC Goals: None

Special projects lab is a variable credit value lab that allows students to contract for 1-4 credits of arranged lab time. This lab time can be used as a way to meet elective credits for certificates, diploma, or AAS degree. This lab can also allow a student to work on specific project of interest providing they have the skills to work independently with only minimal impact on instructional staff working with students enrolled in required courses. All project work must be performed according to an approved repair plan with instructor and all shop safety practices and equipment usage procedures adhered to. (Prerequisite: Instructor approval) (1 credits: 0 lecture/1 lab)

**B. COURSE EFFECTIVE DATES:** 11/29/1999 - Present

### C. OUTLINE OF MAJOR CONTENT AREAS

1. Completion of an agreement for goals in credits of lab enrolled in
2. Utilization of industry based auto body repair procedures
3. Refinishing procedures utilizing paint manufacturer recommendations
4. Maintenance of shop work space and organization of project
5. Minor electrical and mechanical repairs related to collision repair
6. Detailing of vehicles

#### **D. LEARNING OUTCOMES (General)**

1. Complete agreement for goals in the course
2. Exhibit safe and professional work practices
3. Clean vehicle for body and refinishing procedures
4. Disassemble vehicle for repairs
5. Perform body repairs
6. Replace body panels
7. Perform plastic and composite repairs
8. Corrosion protect repaired areas
9. Perform paint preparation procedures for areas or parts to be refinished
10. Mix paint products according to paint manufacturer directions
11. Apply paint materials
12. Maintain paint spray area and equipment
13. Detail painted panels as required
14. Assemble vehicle
15. Perform minor electrical and mechanical related repairs
16. Perform quality control inspection of repairs
17. Detail vehicle for customer delivery
18. Perform temporary repairs to make vehicle street legal
19. Complete required course paperwork
20. Complete weekly logs if enrolled for letter grade

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

None

#### **F. LEARNER OUTCOMES ASSESSMENT**

As noted on course syllabus

#### **G. SPECIAL INFORMATION**

None noted