

# Minnesota State College Southeast

## ABCT 1475: Production Lab 3

### A. COURSE DESCRIPTION

Credits: 3

Lecture Hours/Week: \*.\*

Lab Hours/Week: 6

OJT Hours/Week: \*.\*

Prerequisites: None

Corequisites: None

MnTC Goals: None

Production Lab 3 requires the student to participate in repair plan with an understanding of industry flat rate units assigned. Goals for the project and student will be established based on flat rate and the student's current skill level so as to focus advancing production speed without sacrifice to quality of the repairs. Projects will be based on smaller projects than previously involved with in previous courses. Body repairs, panel replacement, refinishing procedures, trim and small parts replacement, temporary repairs, vehicle detailing, and various other repairs are included. (Prerequisite: 27 credits or more of ABCT courses) (3 credits: 0 lecture/3 lab)

**B. COURSE EFFECTIVE DATES:** 02/23/2015 - Present

### C. OUTLINE OF MAJOR CONTENT AREAS

1. Development of repair plan and incorporation of industry flat rate
2. Repairs and replacement of body panels and exterior plastic parts
3. Refinishing of vehicles and body parts
4. Detailing and quality control of vehicle repairs in preparation for customer delivery

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

1. Demonstrate safe and professional practices
2. Clean vehicle prior to repairs
3. Identify all damage and develop repair plan
4. Document repair plan and existing condition of vehicle
5. Determine the flat rate units for the repairs to be preformed
6. Disassemble vehicle in an organized manner identifying additional damage
7. Protect vehicle and adjacent areas from damage during repairs
8. Perform body repairs and panel replacement
9. Perform plastic repairs
10. Complete paint preparation for panels to be refinished
11. Mix paint materials and apply according to manufacture recommendations
12. Maintain refinish areas and equipment
13. Participate in clean-up of shop production area
14. Detail paint finish as required
15. Reassemble vehicle
16. Complete all required adjustments and quality control checks
17. Detail vehicle for customer delivery
18. Complete all repair documentation data
19. Complete weekly logs

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

None

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

As noted on course syllabus

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

None noted