

Minnesota State College Southeast

ABCT 1375: Production Lab 2

A. COURSE DESCRIPTION

Credits: 2

Lecture Hours/Week: *.*

Lab Hours/Week: 4

OJT Hours/Week: *.*

Prerequisites: None

Corequisites: None

MnTC Goals: None

Production Lab 2 provides the opportunity to continue to develop body and paint skills learned in earlier courses. Lab time is also used to prepare vehicles for structural repairs when enrolled concurrently in advanced courses. Emphasis is now being placed on accountability for use of the lab time and recording tasks by time to weekly logs in preparation for industry flat rates. Planning of repair steps are shifted toward the student's involvement working toward setting goals for the week as part of weekly logs. (Prerequisite: ABCT1115 and 20 additional ABCT courses or instructor approval) (2 credits: 0 lecture/2 lab)

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

C. OUTLINE OF MAJOR CONTENT AREAS

1. Planning of repair steps and utilization of lab time
2. Body repairs and panel replacement
3. Refinishing of vehicles and parts
4. Disassembly and reassembly of vehicle interiors and exterior parts as required
5. Organization of projects and shop work space

D. LEARNING OUTCOMES (General)

1. Exhibit safe and professional work habits
2. Clean vehicle prior to beginning repairs
3. Protect vehicle parts from damage during repairs
4. Identify vehicle information using service tags
5. Develop repair plan for vehicle
6. Remove interior and exterior parts to access repair areas
7. Identify parts needing replacement
8. Remove glass and clean-up broken glass
9. Repair body damage
10. Repair plastic body panels
11. Prepare vehicle for structural repairs
12. Restore corrosion protection
13. Replace body panels
14. Refinish body panels
15. Reinstall exterior trim parts
16. Reinstall interior parts
17. Detail vehicle for customer delivery
18. Perform quality control inspection of vehicle
19. Complete weekly logs and vehicle data file documentation
20. Participate in shop organization and clean-up

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

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted