



MASTER COURSE OUTLINE

Prepared By: Dick Wynder

Date: January 2016

COURSE TITLE

Automobile Convenience Systems

GENERAL COURSE INFORMATION

Dept.: AUT

Course Num: 211

(Formerly:)

CIP Code: 47.0604

Intent Code: 21

Program Code: 712

Credits: 2

Total Contact Hrs Per Qtr.: 44

Lecture Hrs: 33

Lab Hrs: 11

Other Hrs:

Distribution Designation:

COURSE DESCRIPTION (as it will appear in the catalog)

This course covers the operation and repair of automotive convenience systems. Classroom and laboratory lessons include power windows, power seats, air bag system testing and servicing, as well as minor door, hood, window, and trunk adjustments. The procedure to perform a proper Pre-delivery Inspection (PDI) will be covered and Washington State Auto Repair Laws and how they affect the repair technician will be discussed.

PREREQUISITES

AUT 121 – Automotive Electrical and Electronic Systems

TEXTBOOK GUIDELINES

Shop manuals, Pro-Demand, AllData, and instructor prepared instructional materials

COURSE LEARNING OUTCOMES

Upon successful completion of the course, students should be able to demonstrate the following knowledge or skills:

The student will develop a working knowledge and skills in the diagnosis and repair of the automobile's power mechanisms for windshield wipers and washers, windows, door locks, power seats, rear window defoggers, and adjustments for doors, hoods, and trunk lids. The student will learn safe Supplemental Inflatable Restraint System (Air Bag) service procedures. The student will learn a Dealership Pre-delivery Inspection Procedure and how Washington State repair laws affect a technician.

INSTITUTIONAL OUTCOMES

IO3 Human Relations/Workplace Skills: Students will be able to demonstrate teamwork, ethics, appropriate safety awareness and/or workplace specific skills

COURSE CONTENT OUTLINE

- 1) Diagnosis, repair, adjustments
 - a) windshield wiper and washer systems
 - b) manual and power windows
 - c) power door locks
 - d) power seats
 - e) rear window defogger

- 2) Perform minor adjustments of
 - a) door latches and hinges
 - b) hood panels
 - c) trunk lid
- 3) Supplemental Inflatable Restraint System service
- 4) Performing a Pre-delivery Inspection
- 5) Washington State Repair Laws

DEPARTMENTAL GUIDELINES *(optional)*

DIVISION CHAIR APPROVAL

DATE