

SYLLABUS

DIVISION: Business and Engineering Technology

REVISED: FALL/ 2013

CURRICULA IN WHICH COURSE IS TAUGHT: Auto Body Repair

COURSE NUMBER AND TITLE: AUB. 111-01 Automobile Body Theory and shop Practices

CREDIT HOURS: 8 HOURS/WK **LEC:** 5 HOURS/WK **LAB:** 9 **LEC/LAB COMB:** 14

L CATALOG DESCRIPTION: Teaches and applies the fundamentals and use of body tools and materials, metal straightening, trends in design and construction. Emphasize shop safety. 8 credits

L RELATIONSHIP OF THE COURSE TO CURRICULA OBJECTIVES:

demonstrate technical understanding of the trends in auto design and construction

demonstrate technical understanding between mild steel and high strength steel.

demonstrate technical competencies and skill in the use of auto body hand tools.

demonstrate an understanding and use of the different types of auto bod fastening devices.

demonstrate technical understanding of the properties of metal.

read and interpret technical information required for projects and assignments.

L REQUIRED BACKGROUND/PREREQUISITIES:

None

M. COURSE CONTENT:

Trends in design and construction

Mild strength steel

High strength steel

Auto body hand tools

Properties of metal

Fastening devices

Shop Safety

V. THE FOLLOWING GENERAL EDUCATION OBJECTIVES WILL BE ADDRESSED IN THIS COURSE (Place X by all that apply)

_____ Communication

_____ Quantitative Reasoning

_____ Information
Literacy

_____ Cultural and Social Understanding

_____ Critical Thinking

_____ Scientific Reasoning

_____ Personal Development

VI LEARNER OUTCOMES**VII. EVALUATION**

Learner outcome (starts with verb) understanding auto design and construction ...	Evaluation method Lab exercises Test
Learner outcome understand the different between mild and high strength steel	Evaluation method Lab exercises
Learner outcome identify the tools used in auto body repair	Evaluation method Lab exercises In class assignments test
Learner outcome identify automobile fasters	Evaluation method Lab exercises test
Learner outcome Identify and use shop materials	Evaluation method Lab exercises assignments
Learner outcome demonstrate work safety	Evaluation method Lab exercises assignments test

COURSE OUTLINE

COURSE SECTION NUMBER/TITLE:

AUB 111-01 Automobile Body Theory and Shop Practice I

COURSE PREREQUISITE(S):

None

SEMESTER: Fall 2013

INSTRUCTOR: Sammy Shelton

OFFICE NO: EIT #1

OFFICE HOURS: Posted

TELEPHONE: 434-797-8522

TEXTBOOKS, OTHER REFERENCE MATERIALS:

Basic hand tool set

Work clothes

COURSE CONTENT:

Trends in design and construction

Mild strength steel

High strength steel

Auto body hand tools

Properties of metal

Fastening devices

Safety

ATTENDANCE REQUIREMENTS:

Regular attendance is necessary for successful completion of this course.

GRADING AND ATTENDANCE POLICY:

LAB GRADES ARE BASED ON A POSSIBLE 4 POINTS PER DAY

3.5 - 4.0 A

3.0 - 3.4 B

2.5 - 2.9 C

2.0 - 2.4 D

LESS THAN 2.0 F

CLASS GRADES WILL BE DETERMINED FROM ATTENDANCE AND TESTS AND HOMEWORK ASSIGNMENTS

90 - 100 A

80 - 89 B

70 - 79 C

60 - 69 D

UNDER 60 F

IF A STUDENT IS MORE THAN 5 MINUTES LATE FOR LAB. 1 POINT WILL BE DEDUCTED FROM THE DAILY GRADE .

IF A STUDENT IS MORE THAN 15 MINUTES LATE FOR LAB. 2 POINTS WILL BE DEDUCTED FROM THE DAILY GRADE.

IF A STUDENT IS MORE THAN 30 MINUTES LATE FOR LAB. 3 POINTS WILL BE DEDUCTED FROM THE DAILY GRADE.

STUDENTS WILL ALSO BE GRADED ON LAB. PERFORMANCE AND SAFETY.

STUDENTS ARE REQUIRED TO WEAR SAFETY GLASSES IN THE LAB.

STUDENTS WITHOUT SAFETY GLASSES WILL NOT BE ALLOWED IN THE LAB. AND WILL RECEIVE A ZERO FOR THE DAY.

STUDENTS WITH SPECIAL NEEDS:

If you are a student with special medical needs, please inform me as to how I can best assist you. All information will be considered confidential.

If you are a student who needs special ADA-related accommodations, please inform the DCC ADA Coordinator at 434-797-8441.