MIDLAND COLLEGE
SYLLABUS
AUMT 1305
INTRODUCTION AND THEORY OF AUTOMOTIVE TECHNOLOGY
2-4

Course Description: An introduction to the automotive industry including automotive history, safety practices, shop equipment and tools, vehicle subsystems, service publications, fasteners, automobile maintenance, professional responsibilities, career opportunities, soft skills, and work ethics.

Text, References and Supplies: Required: **Cengage Unlimited digital e-book--** "AUTOMOTIVE SERVICE INSPECTION MAINTENANCE REPAIR" by Tim Gilles 6th Edition. (Note: only one workbook is required for ALL courses: AUMT 1305, 1307, 1310, 1316, 2317)---- Cengage Unlimited ISBN-13: 9781337956413

 Course Goals/Objectives: Utilizing appropriate safety procedures, the student will demonstrate familiarity with historical development and career information on the automotive industry; demonstrate safe, professional, and responsible work practices; identify and demonstrate the proper use of shop equipment and tools; identify and describe functions of vehicle subsystems; demonstrate the use of service publications; identify various automotive fasteners used in industry; and perform extensive automotive maintenance. Students will identify and describe employee and employer responsibilities and appropriate work ethics as well as demonstrate interpersonal communication and team work. Display responsibility, self-management and honesty.

NOTE: This is an introductory and theoretical course. The performance objectives stated as "determine needed repairs" are to be considered limited or subjective conclusions and may not necessarily be verified and/or repaired in class.

Students may perform the following tasks in order to maintain safe lab and classroom spaces:

- Participate in shop and classroom maintenance which may include, but not limited to sweeping, mopping, disposing of trash, cleaning work benches, organize tools and equipment, organize tool room, disinfect classroom tables and chairs.
- Disassemble discontinued lab training vehicles or equipment for salvage.
- Repurpose lab vehicles to be utilized in lab assignments.
- Other course related tasks as assigned by instructor.

Student Contributions and Class Policies:

Students MUST actively participate by completing an academic assignment required by the instructor by the official census date. Students who do not actively participate in an academically-related activity will be reported as never attended and dropped from the course.

1. Student/Participant must furnish a set of approved (ANSI-Z87) clear safety eye glasses.

2. Student/Participant must understand class attendance is critical; therefore, three consecutive absences or five total absences may be considered justification for failure or dismissal from class.

3. Punctuality, being prepared for class, being alert, participating pro-actively and exhibiting a respectful and appropriate attitude will be required.

4. Late Assignment Policy: Assignment/quiz submitted or taken after the due date will be deducted 25% for each day. Assignments will not be accepted after the 4th day. **Note: This is 4 total days, not class meeting days.**

Evaluation of Students: 10% = Attendance/Punctuality
                                     10% = Professionalism/Participation
                                     25% = Mid-term & Final exams
                                     40% = Skills Objectives (Lab Assignments)
                                     15% = Knowledge Objectives (Classroom Assignments)
                                     100% Total

90 and above	A
80-89	B
70-79	C
60-69	D
59 and below	F

Course Schedule: This class meets for 2 lecture hours and 4 lab hours per week.

SCANS Information: SCANS skills are taught and/or reinforced in automotive courses. The student must locate, read, interpret and understand instruction information and direction materials. The participant must communicate thoughts, ideas and information through verbal and written mediums. Practical arithmetic and mathematics will apply continually throughout automotive technology training. Listening, interpreting, and responding to verbal communications and instructions as well as speaking in response to questioning will be a daily involvement. Thinking, reasoning, visualizing and problem solving are required assets to the automotive technician. The student/participant must display responsibility, self-management and honesty.

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Students should feel free to contact the instructor at any time. Appointments are encouraged for advising and planning the most appropriate or beneficial course work.

*Syllabus subject to change as deemed necessary by the instructor to ensure learning objectives and course goals are met.

Non-Discrimination Statement
Midland College does not discriminate on the basis of race, color, national origin, sex, disability or age in its programs and activities. The following individual has been designated to handle inquiries regarding the non-discrimination policies:
Tana Baker
Title IX Coordinator/Compliance Officer
3600 N. Garfield, SSC 131
Midland, Texas 79705
(432) 685-4781
tbaker@midland.edu
For further information on notice of non-discrimination, visit the ED.gov Office of Civil Rights website, or call 1 (800) 421-3481.

Americans with Disabilities Act (ADA) Statement:
Midland College provides services for students with disabilities through Student Services. In order to receive accommodations, students must visit www.midland.edu/accommodation and complete the Application for Accommodation Services located under the Apply for Accommodations tab. Services or accommodations are not automatic, each student must apply and be approved to receive them. All documentation submitted will be reviewed and a "Notice of Accommodations" letter will be sent to instructors outlining any reasonable accommodations.