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: 1. “AUTOMOTIVE SERVICE INSPECTION MAINTENANCE REPAIR” by Tim Gilles 5th Edition. (Note: only one workbook is required for ALL courses: AUMT 1305, 1307, 1310, 1316, 2317)

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.

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

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

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<tr>
<th>Grade</th>
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<tr>
<td>A</td>
<td>90 and above</td>
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<td>B</td>
<td>80-89</td>
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<td>59 and below</td>
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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.

Administrative Information: Curt Pervier, Division Dean Technical Studies
Lisa Hays, Division Secretary
Technical Studies
(432) 685-4676
Fax: (432) 685-6472

Pete Avalos, Department Chair/Professor
ATC Office #128
(432) 681-6344
pavalos@midland.edu

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.
Students with Disabilities

Midland College provides services for students with disabilities through Student Services. In order to receive accommodations, students must place documentation on file with the Counselor/Disability Specialist. Students with disabilities should notify Midland College prior to the beginning of each semester. Student Services will provide each student with a letter outlining any reasonable accommodations. The student must present the letter to the instructor at the beginning of the semester.

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 individuals have been designated to handle inquiries regarding the non-discrimination policies: Tana Baker, Title IX Coordinator/Compliance Officer, 3600 N. Garfield, SSC 242, Midland, TX 79705, (432) 685-4781, tbaker@midland.edu; Natasha Morgan, Director Human Resources/Payroll, 3600 N. Garfield, PAD 104, Midland, TX 79705, (432) 685-4534, nmorgan@midland.edu. For further information on notice of non-discrimination, visit http://wdcrobcollp01.ed.gov/CFAPPS/OCR/contactus.cfm or call 1 (800) 421-3481.

Spanish

Midland College no discrimina por motivos de raza, color, nacionalidad, sexo, discapacidad, o edad en sus programas o actividades. Las siguientes personas han sido designadas para responder a cualquier pregunta o duda sobre estas políticas no discriminatorias: Tana Baker, Title IX Coordinator/Compliance Officer, 3600 N. Garfield, SSC 242, Midland, TX 79705, (432) 685-4781, tbaker@midland.edu; Natasha Morgan, Director Human Resources/Payroll, 3600 N. Garfield, PAD 104, Midland, TX 79705, (432) 685-4534, nmorgan@midland.edu. Para más información sobre estas políticas no discriminatorias , visite http://wdcrobcollp01.ed.gov/CFAPPS/OCR/contactus.cfm o llame al 1 (800) 421-3481.

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