COURSE SYLLABUS
Introduction to Automotive Technology.

Course Number
AUMT 1305

2 - 6 - 3
Lecture - Lab - Credit

NONE

This syllabus has been reviewed and is current on the date indicated.

Prepared By                      Date
______________________________  08/13/15
Henry Ortega

Reviewed By

Si Acuna DC

______________________________  8/12/15
Division Director/Designee      Date
I. Instructor Information

Name: Henry Ortega  Phone: 325-235-7319

Campus Office: Sweetwater  email: henry.ortega@tstc.edu

Office Hours: 8-5 p.m.  Advisement Hours M & W 1:00PM -3:00P.M

Department Chair: Si Acuna  Chair email: sjacuna@tstc.edu

II. Class Times, Location
Monday-Thursday: 8:00 AM - 12:25 PM

III. Program Outcomes
A. Graduates are able to identify all shop safety equipment and practices.
B. Successful graduates will select proper tools and specialized equipment.
C. Graduates have acquired hands on experience at an entry level technician.

IV. Course Description & Introduction
An introduction to automotive industry including automotive history, safety practices, shop equipment and tools, vehicle subsystems, professional responsibilities, and basic maintenance. May be taught manufacturer specific.

V. Learning Outcomes
The student will:
A. Develop critical thinking skills to exhibit safe work practices by using safety glasses, safety guards and jack stands.
B. Identify and describe functions of vehicle subsystems.
C. Complete class projects as instructed.
D. Demonstrate common shop procedures while adhering to all safety guidelines.

VI. Assessment Methods & Grading Policy
- Lab exercises: 20%
- Tests: 60%
- Class participation/Group work: 20%
  A= 90-100, B=80-89, C=70-79, D=60-69, F=0-59

VIII. Textbook/Reference Materials
- Today’s Technician: Basic Automotive Service + Systems.
IX. Additional Resources & Supplies
Note book, pens, hand tools.

X. Class Participation Policy & Student Conduct
A. Students are expected to attend all classes. Punctual and regular attendance is vital.
B. The student is responsible for all assigned course work
C. Students with more than 3 absences may receive a failing grade.
D. Class room etiquette; each student is expected to conduct themselves in a professional manner and dress in the appropriate attire.

XI. Safety
- Campus building occupants are required to evacuate buildings when a fire alarm activates. Alarm activation or announcement requires exiting and assembling outside.

- Familiarize yourself with all exit doors of each classroom and building you may occupy while receiving instructions. The nearest exit door may not be the door you used when entering the building.

- Students requiring evacuation assistance should inform the instructor during the first week of class.

- In the event of evacuation, follow the faculty’s or class instructor’s instructions.

- Do Not re-enter a building unless given instructions by the Fire Department, Campus/Local Police, or Fire Prevention Services.

XII. Special Needs
If you have a documented disability that will impact your work in this class, please contact the ADA Coordinator, so that appropriate arrangements for your accommodations can be made. The counselor on your campus can assist you in this process. In accordance with the federal law, a student requesting accommodations must provide documentation of his/her disability to the ADA Coordinator. For more information call (325)-235-7441 or email amy.freeman@tstc.edu
XIII. Course Schedule the following activities/assignments are subject to change; however, reasonable notice will be given.

Week 1:  
   a) Read Chapter 1-3 and complete assignments  
      b) Videos  
      c) Lab assignments  
      d) Take weekly test

Week 2:  
   a) Read Chapter 4-6 complete assignments  
      b) Videos  
      c) Lab assignments  
      d) Take weekly test

Week 3:  
   a) Read Chapters 7-9 complete assignments  
      b) Videos  
      c) Lab assignments  
      d) Weekly Test

Week 4:  
   a) Read Ch10-12 complete assignments  
      b) Videos  
      c) Lab Assignments  
      d) Weekly test

Week 5:  
   a) Read Ch13-14 complete assignments  
      b) Conclude all lab assignments  
      b) Review for Final Exam  
      b) Final Exam covering Chapter

B. Once a week exams will cover all course material for that week.  
C. Lab sheets to do in shop will be daily
### XIII. Instructor CV

#### Education

<table>
<thead>
<tr>
<th>Name of Institution</th>
<th>Degree Earned</th>
<th>Date Earned</th>
</tr>
</thead>
<tbody>
<tr>
<td>Texas State Technical College</td>
<td>AAS: Automotive Technology</td>
<td>May 2009</td>
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</table>

#### Certifications

<table>
<thead>
<tr>
<th>Name of Certification</th>
<th>Date Earned</th>
<th>Expires Date</th>
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<tbody>
<tr>
<td>A.S.E. Master Collision Repair</td>
<td>Dec 2012</td>
<td>Dec 2017</td>
</tr>
<tr>
<td>A.S.E. Automotive Technology</td>
<td>June 2013</td>
<td>June 2018</td>
</tr>
<tr>
<td>I-Car Post Secondary Instructor ID #2434045</td>
<td>June 2009</td>
<td>Present</td>
</tr>
</tbody>
</table>

#### Industry, Teaching or Training, and Other (Examples: publications and memberships)

<table>
<thead>
<tr>
<th>Description of Experience Related To Course</th>
<th>Date Began</th>
<th>Date Ended</th>
</tr>
</thead>
<tbody>
<tr>
<td>Texas State Technical College West Texas teaching Auto Collision Repair</td>
<td>August 1990</td>
<td>August 2012</td>
</tr>
<tr>
<td>Texas State Technical College West Texas teaching Automotive Technology</td>
<td>August 2012</td>
<td>Present</td>
</tr>
<tr>
<td>Program Chair Auto Collision repair Technology</td>
<td>August 2003</td>
<td>Present</td>
</tr>
<tr>
<td>Worked for Modern Pontiac Oldsmobile as a Collision Repair and Automotive Technician</td>
<td>August 1979 to August 1981</td>
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<tr>
<td>Worked for Barretts Body Shop as a Paint Technician</td>
<td>August 1981</td>
<td>August 1984</td>
</tr>
<tr>
<td>Worked for Larry Rigby Chevrolet as a Collision Repair and Paint Technician</td>
<td>August 1984</td>
<td>August 1986</td>
</tr>
</tbody>
</table>
This is to acknowledge that I have received a copy of the syllabus for the course AUMT 1305 Introduction to Automotive Technology. I understand that it is my responsibility to read and understand the syllabus and to abide by the guidelines presented therein.

Printed Name ______________________________

Signature ______________________________

Date ___________________