

Spring 2000

Reedley College  
Automotive Technology  
Instructor: Rudy Guzman

Office Hours: Monday thru Friday 7:00am – 7:30am  
Wednesday 1:30pm - 2:00pm

Text: Manual Transmission and Transaxle by Jack Erjavec 2<sup>nd</sup> Edition  
Automotive Steering Suspension and Wheel Alignment by Check Chart  
Automotive Brake Systems by Check Chart  
State of California Brake Handbook

Reading Assignments: All Prescribed readings are due on dates specified in the study schedule. Additional assignments may be required as handouts.

Quizzes: Quizzes will be given once a week. Questions for quizzes will come from reading assignments and lectures.

Tests: Tests will be given after completion of each area taught. Questions for tests will come primarily from the A.S.E. national exam.

Notebooks: Notebooks will be required for the spring semester. It will include Title Page, Table of Contents, Schedule, Task Sheet, Class notes, Attendance Record, Handouts, Quizzes and Tests.

Lab Work: Students will be given task sheets. Groups will be chosen by the instructor. Participation in all activities will be observed and graded by the instructor.

Attendance: In the work place, attendance and being on time are very critical. If you are absent more than three times, you will be dropped from class. Three tardies equals one absence.

Grading: Quizzes and Notebook.....34%  
Tests:.....33%  
Lab:.....33%

Welcome to the Reedley College Automotive Technology Program.

*Attendance  
trip date  
final exam*

**Study Schedule  
Reading Assignments**

**Automotive Technology  
Spring 2000  
Mr. Guzman**

**SUBJECT**

**Text: Manual Transmission and Transaxles; by Jack Erjavec**

<b>Due Date: Jan. 10-14</b>	<b>Read Pages 115-130</b>	<b>Drivelines</b>
<b>Jan.18-21</b>	<b>135-171</b>	<b>Drive Axle</b>
<b>Jan.24-28</b>	<b>192-252</b>	<b>Rear Wheel Drive Service</b>
<b>Jan. 31</b>	<b>Review for Drive line Final</b>	
<b>Feb. 1</b>	<b>Driveline Final</b>	
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<b>Check Chart Book</b>		<b>Steering , Suspension</b>
<b>Due Date: Feb. 2-4</b>	<b>Read Pages 1-50</b>	<b>The Automotive Chassis :</b>
<b>Lubricating,</b>		<b>Sealing, and Eliminating Friction Dynamic of Handling</b>
<b>Feb. 7-11</b>	<b>51-102</b>	<b>Steering Wheels, Columns, and Steering Gears Steering Linkage</b>
<b>Feb. 14-18</b>	<b>170-208</b>	<b>Suspension Components</b>
<b>Feb. 21-25</b>	<b>209-233</b>	<b>Front Suspension Design</b>
<b>Feb. 28- Mar. 3</b>	<b>234-285</b>	<b>Rear Suspension Design, Drive Layout, Driveline Joints</b>
<b>Mar. 6-10</b>	<b>316-368</b>	<b>Wheels and Tires Wheel Balance and Alignment</b>
<b>Mar. 13-14</b>	<b>Review for Suspension Final</b>	
<b>Mar. 16</b>	<b>SUSPENSION FINAL</b>	
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<b>Check Chart Brake Book</b>	<b>Read Page</b>	
<b>Due Date: Mar. 20-24</b>	<b>1-48</b>	<b>Brake Fundamentals</b>
<b>Mar. 27-31</b>	<b>45-100</b>	<b>Hydraulics</b>
<b>Apr. 3-7</b>	<b>121-200</b>	<b>Friction Assemblies</b>
<b>Apr. 10-14</b>	<b>201-277</b>	<b>Subsystems</b>
<b>Apr. 17-21.....</b>		<b>Spring Break</b>
<b>Apr. 24-28</b>	<b>Antilock Brakes</b>	
<b>May 1-5</b>	<b>1-10 4-1 to C-11</b>	<b>State of California Brake</b>
<b>Handbook</b>		
<b>May 8-12</b>	<b>Review for Brake Final</b>	
<b>May 15-19</b>	<b>FINALS WEEK</b>	