

Print Date: 7/14/14
Course Objectives/Course Outline
Spokane Community College

Course Title: Toyota Theory of Brakes
Prefix and Course Number: Auto 136

Course Learning Outcomes:

By the end of this course, a student should be able to:

- Identify and describe the purpose, types of applications, and operation methods pertaining to automobile brake systems.

Course Outline

- I. Braking System Principles
 - A. Components
 - B. Operation
 - C. Safety
- II. Master Cylinder and Hydraulic System
 - A. Components
 - B. Diagnosis
- III. Wheel Bearings
 - A. Theory
 - B. Components
 - C. Diagnosis
- IV. Drum Brake
 - A. Components
 - B. Operation
- V. Disc Brake
 - A. Theory
 - B. Components
 - C. Diagnosis
- VI. Parking Brakes
 - A. Theory
 - B. Components
 - C. Diagnosis
- VII. Machining Brake Drum and Rotors
 - A. Theory
 - B. Components
 - C. Diagnosis
- VIII. Power Brake Units
 - A. Theory
 - B. Components
 - C. Diagnosis
- IX. Antilock Braking System
 - A. Theory
 - B. Components
 - C. Diagnosis
- X. Work Repair Tickets and Billing