

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

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**Course Title:** Toyota Steering and Suspension

**Prefix and Course Number:** Auto 133

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**Course Learning Outcomes:**

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

- Identify front end and steering components
- Service and repair all types of steering and suspension systems.
- Perform front end alignments
- Perform tire service and repair work

**Course Outline:**

- I. Diagnosis and Repair of Steering Systems
  - A. Manual Steering Gear
  - B. Power Steering Gear
    1. diagnosis
    2. disassembly
    3. repair
    4. assembly
- II. Diagnosis and Repair of Suspension Systems
  - A. Short-Arm Suspension Systems
  - B. Long-Arm Suspension Systems
  - C. MacPherson Strut Suspension Systems
  - D. Rear Suspension Systems
    1. diagnosis
    2. disassembly
    3. repair
    4. assembly
- III. Wheels and Tires
  - A. Wheel Alignment