

**J. Sargeant Reynolds Community College
Course Content Summary**

Course Prefix and Number: AUT 266 **Credits:** 3

Course Title: Automotive Alignment, Suspension, and Steering

Course Description:

Introduces use of alignment equipment in diagnosing, adjusting, and repairing front and rear suspensions. Deals with repair and servicing of power and standard steering systems. Lecture 1 hour. Laboratory 6 hours. Total 7 hours per week. 3 credits

General Course Purpose:

This course is a requirement of the Automotive Technology Certificate program. Competent automotive technicians must have a thorough knowledge of assemblies, sub-assemblies, and components of automotive suspension and alignment systems. They must also be able to identify possible suspension and alignment system defects along with their cause and effect upon automobile operation.

Student Learning Outcomes:

Upon completing the course, the student will be able to

- Explain the purpose and operation