



STARK STATE COLLEGE

GENERAL SYLLABUS

Course Information

Course Name: Toyota Steering, Suspension, and Handling
Course Number: TOY103

Required Materials

Textbook(s): Today's Technician: Automotive Suspension & Steering Systems
Required Readings: NA
Additional Materials: NA

Course Outline/Calendar

The date of coverage and order of coverage may be modified based on the faculty member and events beyond the control of faculty members that interfere with class times and teaching.

3 Weeks	
Week	Chapter/Topic/Lab
Week 1	Suspension System Functions and Components Lecture Types of Suspension Systems Lecture / Lab Electronic Suspension Systems Lecture / Lab Suspension Review Lecture / Lab Steering Linkage and Services Lecture / Lab Chapters 7 – 8 Quizzes Unit 1 Exam
Week 2	Steering Columns and Gears Lecture / Lab Power Assisted Steering Operation and Service Steering Columns and Gears Lecture / Lab Wheel Alignment Principles Lecture / Lab Correction and Confirmation Lecture / Lab Chapter 13 and 17 Quizzes Unit 2 and 3 Exams
Week 3	Tires and Wheels Lecture / Lab Tire and Wheel Service Lecture / Lab Tire Pressure Monitoring Systems Lecture / Lab Wheel Alignment Diagnosis and Service Diagnosing Vehicle Handling Concerns Lecture / Lab

	3 Weeks
Week	Chapter/Topic/Lab
	Advanced Diagnostic Techniques Lecture / Lab Chapter 18 Quiz Unit 4 and 5 Exam Final Exam