



STARK STATE COLLEGE

GENERAL SYLLABUS

Course Information

Course Name: Toyota Electrical Systems I
Course Number: TOY102

Required Materials

Textbook(s): Today's Technician Advance Automotive Eletronic 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	Basic Electrical and Series Circuits Parallel and Series Parallel Circuits Relays, Resistors, Transistors, Harness Repair Batteries 652 Review Tracing Current Flow EWD Introduction EWD Introduction Electrical Diagnostic Tools TTE Quizzes Ch. 1 – 6 Unit 1 Exam
Week 2	Six-Step Diagnostic Process Diagnosing Body Electrical Concerns Lighting Circuits Wiper/Washer Operation Power Window Operation Introduction to Techstream Electronic Signals Unit 2 Quizzes 1 – 3 Unit 2 Exam

3 Weeks	
Week	Chapter/Topic/Lab
Week 3	Starting System / Charging System Starter Circuit Diagnosis Charging System Diagnosis ECU Communication L652 Multiplex Accessory Diagnosis Electrical Skills Validation Unit 3 Quiz 1 623 Post Test TTE Quizzes Ch. 9 – 16 Quizzes Unit 3 Exam 652 Post Test Units 1 & 2 Skills Validation Comprehensive Written Final