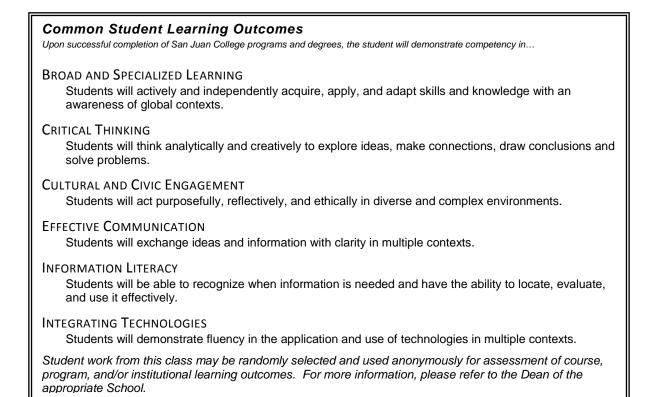
SYLLABUS

COURSE # AND TITLE T-TEN 140 Toyota Driveability # OF CREDITS 4

CATALOG DESCRIPTION

A systematic troubleshooting method for Toyota fuel, electrical, and electronic systems. Use of tools and equipment needed for proper diagnosis emphasized. Co-requisite: TTEN 130.

Semester Offered: Spring Prerequisites:



GENERAL LEARNING OBJECTIVE

- 1. To provide the student with a logical approach for diagnosing engine performance problems.
- 2. Completion of 100% of NATEF priority 1 tasks.
- 3. Completion of 85% of NATEF priority 2 tasks.
- 4. Completion of 75% of NATEF priority 1 tasks.

SPECIFIC LEARNING OUTCOMES

Upon successful completion of the course, the student will be able to...

- 1. Work safely on automotive fuel systems, utilizing manufacturers' approved processes.
- 2. Demonstrate the use of an oscilloscope and identify 5 patterns for computer sensors.
- 3. Diagnose electrical, fuel & engine mechanical problems using an exhaust analyzer.
- 4. Diagnose computer systems trouble codes.
- 5. Perform a wet and dry compression test.
- 6. Perform a cylinder leak down test.
- 7. Check a timing belt or chain for looseness or jumped timing.
- 8. Inspect vacuum control systems for proper operation.
- 9. Check the exhaust system for leaks or restrictions.
- 10. Perform an engine tune-up using recommended manufacturer procedures.

Syllabus developed by	Date:
Syllabus reviewed by	Date:

A current syllabus must be on file in the dean's office for every course being taught during a given semester.