Syllabus
Auto Simulation III

Course Information

Organization	Gateway Technical College
Course Number	602-169
Credits	3
Contact Hours	90
Campus	Racine
Address	1001 South Main Street
City/State/Zip	Racine WI.
Office Phone	262-619 - 7128

Description
This course will allow the student to perform acquired skills in the areas of auto electrical systems, computerized electronic systems, computerized fuel delivery and mixing systems, and emission systems. The affected repairs are to be done on customer vehicles, simulating a shop environment. A strong emphasis will be placed on customer relations and communications. Preparedness for the ASE (Automotive Service Excellence) exam is emphasized.

Competencies

1. Perform General Engine Diagnosis
2. Perform Computerized Engine Controls Diagnosis and Repair
3. Perform Fuel Delivery Diagnosis and Repair
4. Perform Emissions Control Systems Diagnosis and Repair
5. Perform Exhaust Systems Diagnosis and Repair
6. Perform Air Induction Diagnosis and Repair
7. Conduct five gas analysys
8. Perform engine analysys
9. Read and interpret technical information
10. Use electronic service information system.
11. Write repair orders

Grading Information
Grading Rationale
The learner must compltete all required NATEF tasks and demonstrate a level 3 skill rating while performing repairs on customer vehicles under the supervision of instructor(s) and or ASE certified mentor. Performance Evaluation Forms (Self/Instructor) must be completed for each service or repair performed.

SKILL LEVEL 4 - Scored 45pts out of 50pts possible on the Service Simulation Evaluation form.

SKILL LEVEL 3 - Scored 40pts out of 50pts possible on the Service Simulation Evaluation form.

SKILL LEVEL 2 - Scored 35pts out of 50pts possible on the Service Simulation Evaluation form.

SKILL LEVEL 1 - Scored 30pts out of 50pts possible on the Service Simulation Evaluation form.

SKILL LEVEL 0 - Scored 25pts out of 50pts possible on the Service Simulation Evaluation form.

Grading Scale

A. MUST COMPLETE: ALL P-1 TASKS, 80% OF P-2 TASKS, AND 50% OF P-3 TASKS. ACHIEVED A 4 SKILL RATING ON 90% OF SERVICE SIMULATION EVALUATIONS and score 70% or better on the related ASE TESTS.

B. MUST COMPLETE: ALL P-1 TASKS, 80% OF P-2 TASKS, AND 50% OF P-3 TASKS. ACHIEVED A 4 SKILL RATING FOR 75% SERVICE SIMULATION EVALUATIONS and score 70% or better on the related ASE TESTS.

C. MUST COMPLETE: ALL P-1 TASKS, 80% OF P-2 TASKS, AND 50% OF P-3 TASKS. ACHIEVE A 3 SKILL LEVEL FOR SERVICE SIMULATION EVALUATIONS and score 70% on the related ASE TESTS.

D. NOT COMPLETED: ALL P-1 TASKS, 80% OF P-2 TASKS, AND 50% OF P3 TASKS, OR ACHIEVED A 3 SKILL LEVEL RATING FOR SERVICE SIMULATION EVALUATIONS and scoring less than 70% on the related ASE TEST,

F. NOT COMPLETED: ALL P-1 TASKS, 80% OF P-2 TASKS, AND 50% OF P-3 TASKS, IN THE RELATED TIME.