



Course Name: Automotive Technology I

Instructor Name: Mr. Joshua Jordan

Contact Information:

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E-mail Address: joshua.jordan@nhrec.org

Class Website: N/A

Office Location: D15

Office Hours: 2:45 p.m.-3:00 p.m. or by appointment

Methods of Instruction: Lecture, Hands-on lab work, Interactive web based instruction.

Course Description: This program offers employment opportunities with dealerships for students who qualify and are selected during the spring semester of the first year. It also ensures that students have ASE certified instructors, service equipment, and current model cars so students receive quality instruction using the latest technology. Auto Technology I is the initial phase of a two year program that prepares students to become entry-level auto technicians. Automotive manufacturers and local dealerships sponsor the Automotive Youth Education System at New Horizons. Students who are selected for Summer Mentorship opportunities receive hands-on training in service departments of sponsoring dealers under the supervision of an experienced technician.

Course Textbook(s): Modern Automotive Technology 8th ed. (provided by NHREC) Authors: James E. Duffy Copyright 2014 Publisher: Goodheart-Wilcox; Electude Interactive Training Curriculum

Course Objectives: Auto Technology I is the initial phase of a two year program that prepares students to become entry-level auto technicians.

Chronology of Course:

1st Marking Period: General school rules, shop safety, hand and power tools, brake systems

2nd Marking Period: Steering and suspension systems

3rd Marking Period: Engine repair and service

4th Marking Period: Manual Drivetrain and transaxle service.

Course Requirements: Dickies dark blue button down shirt, Dickies dark blue pants, black belt, 3-ring binder (at least 2"), oil resistant shoes (steel toe **STRONGLY** recommended)

Grading/Evaluation Procedures:

Employability Skills – 40%

Related Instruction (Tests, quizzes, notebook, class work) – 30 %

Competencies (hands-on and workplace skill demonstration) – 30%

Grading Scale: 100-90 A

89-80 B

79-70 C

69-60 D

59-0 F

Evaluation methods: Written assessments, hands-on competencies, employability skills assessments

Late work/Make-up work policy: 2 points deducted for each day late. After 2 weeks, the grade will be a 0%.

Attendance Policy: Five or more unexcused absences within a marking period will result in a grade of 50% for that quarter. Twelve absences in a semester will result in a grade of 50% for that semester. Twenty four absences in a year will result in a grade of 50%.

Student Organizations: SkillsUSA

Credentialing/Licensing: AYES-Automotive Youth Education System

Class Fees: Student workbook- \$30.00; SkillsUSA dues- \$17.00 **Total =\$47.00**

Clinical or Practical Experiences: Job Shadowing and AYES Summer mentorship program

Dual Enrollment: This course fulfills the class requirements to receive credit for AUT 111 and AUT 267 at TNCC, totalling 8 credits.