

## SYLLABUS 2020-2021

### Auto Servicing Technology

#### Course Description

**Auto Technology I (Certified) Course Code 8506** In this first course of the three course program sequence, students learn all aspects of repair, safety, and customer service by concentrating on the four primary ASE/NATEF certified areas: Brakes, Steering and Suspension, Electrical / Electronics, Engine Performance. Students who successfully complete this program sequence will be eligible to take and pass the respective ASE/NATEF exam and will be prepared for postsecondary education opportunities. Suggested Grade Level: 10 or 11

**Automotive Technology II(Certified) Course Code 8507** In this second year course sequence, students learn all aspects of repair, safety, and customer service by concentrating on the four primary ASE/NATEF certified areas: Brakes, Steering and Suspension, Electrical/Electronics, Engine Performance. Students who successfully complete this program sequence will be prepared to take and pass the respective ASE/NATEF exam and will be prepared for postsecondary education opportunities. The cooperative education method is available for this course. Students combine classroom instruction and supervised on-the-job training in an approved position with continuing supervision throughout the school year. Suggested Grade Level: 11 or 12

**Length of Program** The Auto Technology course of study required two years for the completion of the course.

**Pre-Requisites** No prior experience is required, but students should have genuine interest in the course topic, be in good physical condition, and have a fair understanding of mathematics.

**Course Outline** Orientation, Safety, Shop Equipment and Hand Tools, Diagnosing and Repairing, Computer Diagnostics

**Objectives** Upon completion of the two year program the student should be able to demonstrate knowledge and entry level skill in the following areas: Safety, Hand tools and Test Equipment, Engine and its systems (lubrication, cooling, fuel), Electrical System (Battery, starting, charging and ignition), Drive Train (Clutch manual and automatic transmissions, transaxles and axles, Chassis (front and rear Suspension, shocks, struts, and brakes).

**Evaluation / Assessment** Student Evaluation /Grading Procedures

Students are assigned theory study and a minimum number of practical experiences required for course completion. Theory is evaluated after each unit of study. Practical assignments are evaluated as completed and counted toward course completion only when rated as satisfactory or better. Practical skills are evaluated according to text procedures, performance standards established by the state licensing agency, and the Practical Cosmetology Skills Competency Evaluation Criteria. Students must maintain a theory grade average of 70% and pass a final written and practical exam prior to graduation. Students must make up failed or missed tests and incomplete assignments. The school grading policy will be used on theory and practical completions. The following letter system is used in reporting to parents the grades of students in our school system. Numerical grades are considered according to the following scale:

#### Rating Scale

4 – Excellent - Can teach others

3 - Good - Can perform without supervision

2 - Some - Can perform with limited supervision

1 - Little - Can perform with supervision

0 - Cannot perform

The school grading policy will be used on all work completions. The following letter system is used in reporting to parents the grades of students in our school system.

A 90-100

B 80-89

C 70-79

D 65-69

F below 65

I=Incomplete