**Course Title**: Automotive Services

**Course Description**: This course is designed to provide students with a comprehensive understanding of automotive services, maintenance, and repairs. It covers various topics related to automotive systems, diagnostics, and servicing. Through classroom instruction, hands-on lab work, and practical experience, students will develop the skills and knowledge needed to work in the automotive service industry.

**Course Objectives**:

By the end of this course, students should be able to:

1. Demonstrate a fundamental understanding of automotive systems, including engines, transmissions, electrical systems, and braking systems.
2. Identify common automotive problems and perform diagnostic procedures to troubleshoot issues.
3. Perform basic automotive maintenance tasks such as oil changes, tire rotations, and fluid checks.
4. Understand the principles of safe and environmentally responsible automotive servicing.
5. Utilize automotive tools and equipment effectively and safely.
6. Interpreting service manuals and technical documentation.
7. Demonstrate effective communication and teamwork skills in a professional automotive service environment.
8. Prepare for entry-level positions in the automotive service industry or further education in automotive technology.

**Course Topics**:

1. Introduction to Automotive Technology
2. Automotive Safety and Environmental Practices
3. Engine Systems and Operation
4. Electrical Systems and Wiring Diagrams
5. Fuel and Emission Systems
6. Braking and Suspension Systems
7. Steering and Alignment
8. Diagnostic Tools and Procedures
9. Preventive Maintenance and Inspections
10. Customer Service and Communication in Automotive Service

**Assessment Methods**:

* Quizzes and Examinations
* Hands-on Lab Work
* Group Projects
* Maintenance and Repair Tasks
* Written Reports
* Class Participation and Discussions

**Required Materials**:

* Textbook: [CDX Online Maintenance & Light Repair]
* Safety gear (such as gloves, hard-soled shoes, and safety glasses)
* Basic hand tools and equipment
* Access to a computer and the Internet for research and assignments

**Grading Policy**:

* Homework: 20%
* Quizzes/Tests/Lab Work: 20%
* Class/Shop Participation: 60%
* Extra Credit - Tech Expo/Project-Based Assignments

**Attendance and Late Policy**:

* Attendance is mandatory, and punctuality is expected.
* Late assignments may be subject to a grade deduction unless prior arrangements are made with the instructor.

**Academic Integrity**:

Plagiarism and cheating will not be tolerated. Students found in violation of academic integrity policies will face appropriate consequences.

**Course Schedule**:

Students will attend Automotive Services every day of the school week schedule. Homework will be assigned weekly and is expected to be completed the night before it is due. The deadline will be posted in Google Classroom. Please complete homework to avoid a fifty-point penalty and suspension of hands-on activities until completed. If necessary to complete in class, a penalty of fifty percent will be deducted from your class/participation grade for the day.

Please note that this is a general template, and the syllabus may vary depending on the institution, instructor, and specific course objectives.

**Grading**

A+ (98-100)

A (92-97)

A- (91-90)

B+ (86-89)

B (82-85)

B- (80-81)

C+ (76-79)

C (72-75)

C- (70-71)

D (65-69)

F (Below 65 – Failing)