

Automotive Technology

Course Name: MLR3 and 4 AST3 and 4

COURSE SYLLABUS

School Year:	2022-2023
School Phone:	304-369-4585
Contact Times:	10:30am-12:00pm and 2:00pm-3:00pm
Instructor:	Mr. Baldwin
Instructor Email:	Christopher.baldwin@k12.wv.us
Class Hours:	7:30am-10:30am and 12:00pm-2:00pm
Textbook:	Modern Technology

Course Description: The course will prepare students for an entry level position as an automotive technician. This course is a two year program with automotive fundamentals and basic brakes systems taught the first year. The second year advances to much more opportunities to increase knowledge and hands on experience which includes suspension and steering and basic engine concepts during the 2nd year, student will also have the opportunity to obtain industry certifications such as

1. Fork lift
2. Osha 10
3. Valvoline
4. West Virginia State Inspection
5. ASE
6. Shop key

Students will work toward assigned competencies to find employment and receive certification in mechanical field. The student is expected to act in a professional and ethical manner at all times.

Course Content/Objectives:

Upon completion of this course, students will be able to:

- I. Computerized Engine Control Diagnosis
- II. Lubrication and Cooling Systems Diagnosis and Repair
- III. General Brake System Diagnosis and Repair
- IV. Suspension and Steering Diagnosis
- V. Leadership Development
- VI. Literacy and Numeracy
- VII. Engine Block Diagnosis
- VIII. Cylinder Head and Valve Train Diagnosis

Major Assignments:

The types of work the students will complete include:

- Classwork- Reading chapter aloud/ chunking, classroom activities
- Math/Literacy/Science- proper wrench and socket sizes
- Shop/Lab- Live Vehicles, work stations, group activities, team work

Assessments:

- Hands on observations
- Rubrics on workstations
- Written test
- Chapter test
- Attendance

Grade Scale:

The grading scale for non-weighted grades will be as follows:

Average	Grade	Quality Points
90- 100	A	4.0
80- 89	B	3.0
70- 79	C	2.0
60- 69	D	1.0
0- 59	F	0

Materials Required:

This course consists of both classroom and shop/lab learning. Students must be prepared daily and enter class with required safety equipment, proper attire for the classroom and shop/lab environment. Student will bring with them to every class their textbook, course materials previous given out, paper, writing utensil as well as their school student handbook.

Classroom Rules of Conduct:

Students must punch in and out every day on the class time clock. You will not be allowed in the shop if you do not meet all requirements for safety and academic rules.

Classroom Participation:

Students must clock in and out each day. Student must be in seat when bell rings and prepared to start class.

Attendance/Makeup Work:

Class attendance is an important aspect of this course. If a student has an unexcused absence on the day a recorded grade is given, that student will receive a zero for his/her failure to perform the specific assignment/task.

Safety/Emergency Procedures:

If a student cannot be safe in the shop, an alternative assignment will be given. In some rare events, students may not be allowed back in the shop due to complete disregard for safety. Student safety is our first priority. Students are expected to wear their personal protection equipment in the shop at all times. Students are not allowed in the shop area if they pose a risk to themselves or others.

Boone Career & Technical Center (BCTC) does not discriminate on the basis of race, color, religion, national origin, gender, sexual orientation, disability, age, or marital status in any of its policies, procedures or practices as required by Title IX, Section 504, and ADA regulations. For inquiries concerning Title IX, please contact the BCS Safe Schools Director Anthony Tagliente at 304-369-8276 or ataglient@k12.wv.us. For inquiries concerning 504/ADA, please contact the Director of Exceptional Children Mary Knapp, at 304-369-8245 or mknapp@k12.wv.us. Inquiries may also be submitted in writing to the following Director's at Boone County Schools 69 Avenue B Madison, WV 25130.

Student Signature

Parent Signature

Date