NEWMARKET SKILLS CENTER

Auto Service Technology AM 2026-2027

Instructor Name	Bryan Christensen ("Mr. C" for Short)	Phone	Office 360-570-4452
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Office Hours	2:00 PM-3:00 PM	Web Page	nmsc.tumwater.k12.wa.us

Course Overview:

A Science Technology Engineering and Mathematics (STEM) Enriched Course Scope and Sequence that prepares individuals to engage in the specialized servicing and maintenance of all types of automobiles. This course includes instruction in the diagnosis of malfunctions, the adjustment or repair, and/or properly replacing of parts, in 5 of the 8 nationally recognized ASE Education Foundation certification sections: (A2/A3) Automatic Transmission/Trans Axle and Manual Drivetrain/Axles, (A4) Suspension and Steering, (A7) Heating and Air Conditioning, and (A8) Engine Performance/Drivability.

First Semester

Unit 1 Health and Safety	September 2 - September 11
Unit 2 Auto Trans (A2)/Manual Drivetrain	September 14 – October 23
Unit 3 Suspension and Steering (A4)	October 26 - January 22

Second Semester

Unit 4 Engine Performance/Drivability(A8)	January 25 – April 23
Unit 5 Heating and Air Conditioning (A7)	April 26 - June 4

Course Objectives and Units:

Upon successful completion of this course, the student will be able to:

- ☐ Distinguish which system needs diagnosis from customer's description of problem at time work order is assigned.
- ☐ Formulate the proper order of diagnosis for the system in question.
- ☐ Utilize proper diagnostic tools and service repair manuals to make a proper professional diagnosis and proper repair required in a timely manner.
- ☐ Demonstrate proper techniques to verify repair when completed.
- ☐ Demonstrate a working knowledge of nomenclature for tools and equipment they are instructed to use.

- ☐ Demonstrate proficiency in the use of online repair manuals for maintenance schedules, repair procedures, and labor guides to perform tasks.
- ☐ Demonstrate the proper use of tools and equipment for maintenance and repair of vehicles.

Industry Certification/Employment Outlook:

Automotive technicians are presently in high demand and will be into the beginning of the next decade. Certification as a Maintenance and Light Repair Technician is available through ASE Education Foundation Entry Level Testing (Ask Mr. C. for Details). Certification as an automobile technician is available through technical/community colleges or factory training through dealerships.

Required Supplies:

Students must have a pair of Occupational Safety and Health Administration (OSHA) approved safety glasses and a personal flashlight. These items are provided to students.

Grade Scale:

Percent	Letter Grade	Percent	Letter Grade
100-93	A	80-77	C+
93-90	A-	77-73	C
90-87	B+	73-70	C-
87-83	B	70-67	D+
83-80	B-	67-60	D
60 - 50 = F			

Employability: See Rubric on Google Classroom

Skills: 35% workmanship, 35% professionalism, 30% Ford ACE Courses

Lab Science: 50% quizzes, 40% tests, 10% ASE Entry-Level Tests and Health and Safety.

Redo Policy

All quizzes and Chapter Tests below passing are reset for retakes.

Homework Policy

Daily work not completed during class time must be completed on student's time.

Food & Drink

The New Market Deli is open Tuesday-Friday (11:30 AM-1:00 PM).

Deli visits are a privilege and can be taken away from students at Mr. C.'s discretion.

Leadership

See AST Program of Work (Leadership)

Additional Policies and Course Requirements

Students must pass at 80% or greater Safety/Pollution Prevention Courses to enter lab (Must be completed by end of class September 13, 2024). Failure to do so may result in student removal.

NMSC Expectations & Policies – Student Handbook

Students are expected to review and follow the school rules, procedures, and processes outlined in the NMSC Student Employability Handbook. New Market Skills Center follows Tumwater School District board policies. Rules will not be reprinted in this syllabus.

Cheating/Plagiarism

Students are expected to do their own work. Cheating and Plagiarism (presenting another writer's work as one's own) will not be tolerated.

Electronic Equipment

Personal electronic devices, including but not limited to, cell phones, IPods, PSP's, mp3 players, cd players can be a disruption to the educational process and must be kept secured from use when students are in class. Students can request a locker or stow them with their flashlights and safety glasses in the classroom.

Students violating the electronics policy can expect:

- **1st offense – told to secure device.**
- **2nd offense – confiscated, minimum grade issued for Employability Grade, and returned to student at dismissal.**
- **If use persists, the student will be referred to the administration for an Employability Contract.**

Parents, please refrain from calling/texting during class hours (11:10-1:40).

Deli Privileges

The New Market Deli is open Tuesday-Friday (8:30 AM-10:30 AM).

Deli visits are a privilege and can be taken away from students at Mr. C.'s discretion.

Dress Code/Uniform Requirement in Addition to Student Handbook

No shorts, pants with holes, open toed shoes, smooth soles shoes, or tank tops permitted.

Students will be issued two industrial work shirts to be worn every day.

Safety Policy

Students must follow best practices as learned in Health and Safety course and hands on safety training on equipment and tools. Failure to do so may result in disciplinary referral.

Students and guardians must complete and return next page

Please complete, sign, and return this page to instructor

I have read, understand, and agree to the class rules, grading and expectations outlined is this syllabi.

Student Name (Printed)	Student Signature	Date
Parent/Guardian Name (printed)	Parent/Guardian Signature	Date

Communication between parents and staff is extremely important for student success. Please complete the information below and indicate which type of contact you prefer.

Parent Cell #_____ Student Cell#_____

Parent Email _____

Student Email _____