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***Vision: To create an environment where our learners grow as individuals while gaining professional knowledge and skills.***

***Mission: To offer inspiration through advanced instruction and authentic experiences.***

**Instructor:** Randal S. Rue

Email me at [Randal.Rue@Henry.k12..ga.us](mailto:Randal.Rue@Henry.k12..ga.us) Please allow 24 hours for a response.

Conferences can be scheduled via the counselors between 7:45 and 8:15 am.

**Automotive Technology II**

Automotive Technology II begins to move away from entry level coursework and is designed to bring new skills and knowledge to the student. The student will be exposed to more in-depth inspections and will begin to learn about diagnostic procedures for suspension, brakes, fluid leaks, and basic engine troubles. Automotive III will introduce basic automotive electrical systems and electrical knowledge. In this course the student will be exposed to entry level electrical circuits and diagnosis, and they will begin to perform entry level repair procedures. The tasks will include complete brake system inspection and diagnosis, entry level suspension system diagnosis and repair basic engine performance evaluation and diagnosis and basic electrical system faults and repairs, as well as performing any previously learned service procedures. They will also continue to learn how to construct a well-documented multi-point inspection of the vehicle. The student will continue learning about the basics of engine operation and will begin to learn about engine performance.

**Course Objectives**

AAS associates will

* demonstrate industry-recognized employability skills,
* explore automotive industry careers,
* learn valuable vehicle servicing knowledge and skills,
* begin to utilize the three C’s of the automotive industry,
* demonstrate adaptability and problem-solving skills,
* demonstrate prowess with basic hand tools, as well as the ability to identify them,
* demonstrate professionalism and communication skills,

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| **Required Supplies** |
| * Fully charged Chromebook * Chromebook charger * 3-ring binder * Writing utensils * Closed toed shoes * Clothes for working in the shop |

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| **Expectations for Academic Success** |
| * Attend class daily. * Be prepared for class. * Respect yourself and others. * Ask questions. * Contribute new ideas. * Work hard and give your best effort. |

**Grade Calculation**

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| **Summative Assessments = 40%** | **Formative Assessments = 40%** |
| * Authentic learning projects, exams, presentations, essays, labs | * Practice Work: classwork, homework, quizzes, labs, employability skills |
| **Culminating Final Exam/Project = 20%** | |
| All courses will have a culminating exam or project that assesses associate learning of the semester’s course content. This exam/project will be 20% of the overall course grade. | |

**Attendance**

Your presence in class matters.

**Make-up Work**

Absent associates must contact the instructor for make-up work. The associate will have the same number of days as they were absent to complete the make-up work.

**Late Work Policy**

*Find your late work policy. How will you deal with assignments when associates want to submit work from August in November? Please come to a consensus within your department/subject area.*

**Career and Technical Student Organizations [CTSOs]**

In addition to course integration, we will have a once-per-month activity schedule where associates can take part in their CTSOs. *What can associate and their parents expect will occur during this time? In what competitions can associates take part?*