



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

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

Instructor: Christopher Popham.

Email me at christopher.popham@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.

Industry Fundamentals and Occupational Safety

This course is designed as the foundational course in the Carpentry, Plumbing, Electrical, Masonry, Machining, Welding, Sheet Metal, Heating, Ventilation, Air Conditioning and Refrigeration, and HVACR Electrical pathways to prepare students for pursuit of any career in construction. The course prepares the trainee for the basic knowledge to function safely on or around a construction site and in the industry in general and will provide the trainee with the option for an Industry Certification in the Construction Core. Pre-requisite for this course is advisor approval.

Course Objectives

AAS associates will

- **Provide foundational knowledge** in Carpentry, Plumbing, Electrical, Masonry, Machining, Welding, Sheet Metal, Heating, Ventilation, Air Conditioning, Refrigeration, and HVACR Electrical pathways.
- **Prepare students for careers** in various construction fields.
- **Equip trainees with basic safety knowledge** for functioning safely on or around a construction site.
- **Offer the option for Industry Certification** in the Construction Core.
- **Require advisor approval** as a pre-requisite for course enrollment.

Required Supplies

- Fully charged Chromebook
- Chromebook charger
- Steel-toe boots/close toe shoes
- Work clothes/ Belts/ Appropriate shirts/ Jeans(no holes)
- Writing utensil
- Notebook paper and folder
- DOT Safety glasses
- Hearing protection
- Hat/ Head Covering
- No cell phones

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

Summative Assessments = 40%	Formative Assessments = 40%
<ul style="list-style-type: none"> ● Authentic learning projects, exams, presentations, essays, labs 	<ul style="list-style-type: none"> ● Practice Work: classwork, homework, quizzes, labs, employability skills
Culminating Final Exam/Project = 20%	
<p>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.</p>	

Attendance

Your presence in class matters.

Make-up Work

Absent associates are required to 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

I give a 5 day grace period. After day five you get a 0

Career and Technical Student Organizations [CTSOs]

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