



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: Jenn Clark

Email me at jennifer.clark@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.

Introduction to Software Technology

Introduction to Software Technology is the foundational course for Cloud Computing, Computer Science, Game Design, Internet of Things, Programming, Web and Digital Design, and Web Development pathways. This course is designed for high school students to understand, communicate, and adapt to a digital world as it impacts their personal life, society, and the business world. Exposure to foundational knowledge in programming languages, software development, app creation, and user interfacing applications are all taught in a computer lab with hands-on activities and project-focused tasks.

Course Objectives

AAS associates will

- Provide foundational knowledge for pathways in:
 - Cloud Computing
 - Computer Science
 - Game Design
 - Internet of Things
 - Programming
 - Web and Digital Design
 - Web Development
- Enable high school students to understand, communicate, and adapt to a digital world impacting personal life, society, and business.
- Teach foundational knowledge in:
 - Programming languages
 - Software development
 - App creation
 - User interfacing applications
- Conduct hands-on activities and project-focused tasks in a computer lab.
- Encourage students to apply their knowledge to real-world situations.

- Develop students' ability to defend their actions, decisions, and choices through acquired knowledge and skills.
- Integrate employability skills into activities, tasks, and projects.
- Demonstrate skills required by business and industry.
- Highlight various emerging technologies impacting the digital world.
- Emphasize professional communication skills and practices.
- Teach problem-solving, ethical and legal issues, and the impact of effective presentation skills.
- Prepare students to be college and career ready.
- Incorporate competencies from co-curricular student organizations into employability and content standards.

Required Supplies
<ul style="list-style-type: none"> ● Writing Utensil

Expectations for Academic Success
<ul style="list-style-type: none"> ● 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 before or after school, not during the middle of class. The associate will have the same number of days as they were absent to complete the make-up work.

Late Work Policy

Late work will be accepted up to 5 days after the due date and will not be accepted beyond that not even for partial credit.

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.