

2021-2022
1st Semester
Intro to Digital Technology
Syllabus
Mr. Sitterson
Rm. 1502

Objective

By attending this class, you will be using the It's Learning platform together with other programs to explore the realm of computer science and all it has to offer as a career field.

About the Instructor

I am excited to start my 23rd year as a teacher. This is the start of my 4th year working at Savannah High. I am certified to teach Engineering, Technology, and History. I am also a licensed Georgia administrator. Here at Savannah High, I teach Computer Programming 1 and 2, Intro to Digital Technology, Drafting 1, 2, and 3, Intro to Cybersecurity and Advanced Cybersecurity:

About this Course

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 hardware, software, programming, web design, IT support, and networks are all taught in a computer lab with hands-on activities and project-focused tasks. Students will not only understand the concepts, but apply their knowledge to situations and defend their actions/decisions/choices through the knowledge and skills acquired in this course. Employability skills are integrated into activities, tasks, and projects throughout the course

standards to demonstrate the skills required by business and industry. Competencies in the co-curricular student organization, Future Business Leaders of America (FBLA), are integral components of both the employability skills standards and content standards for this course. Various forms of technologies will be highlighted to expose students to the emerging technologies impacting the digital world. Professional communication skills and practices, problem-solving, ethical and legal issues, and the impact of effective presentation skills are taught in this course as a foundational knowledge to prepare students to be college and career ready. The knowledge and skills taught in this course build upon each other to form a comprehensive introduction into the digital world.

(Source: K. Wall-DeKalb Co.)

Topics and Sequence

Length of Time	Topic	Standards
2 Weeks	Introduction to Digital Technology Introduction to FBLA – leadership development, community service, and employability skills. What are Soft Skills?	IDT-4 IDT-11 IDT-1 IDT-3
2 weeks	Online safety and digital citizenship FBLA Scavenger Hunt	IDT-5
1 week	Information Technology Careers: Programming, Gaming, and Software Development FBLA Career Awareness Exploration Project	IDT 2
1 week	Hardware, software and file management in our digital world.	IT-IDT-4, IT-IDT-5

1 week	Problem solving, flowcharting, algorithms, game development FBLA Recruitment poster activity FBLA -Creed activity -Quizziz	IDT-2 IDT-7
1 week	Visual Programming	IDT-9
1 week	Emerging and future technology	IDT-4, IDT-5
1 week	Operating systems and binary code	IDT-4
2 weeks	Communication/Service Learning	IDT-4
2 Weeks	Customer relationships	IDT-3
1 Week	Networking basics	IDT-6
1 Week	Online resources	IDT-5
2 Weeks	Ethics, legal issues, and cyber security FBLA Cyber Security Project	IDT-10
1 Week	Web Design	IDT-8
1 week	Information Technology Careers: NetworkSystems, Information Support & Services, and Web & Digital Communications, Computer Forensics	IDT- 2

Pathway

Course 1- Intro to Digital Technology

Course 2 - Intro to Cybersecurity

Course 3- Advanced Cybersecurity

End of Pathway Assessment

At the end of this course the student will be able to take the end of pathway assessment. Currently Our EOPA assessment is **Security + certification**
CompTIA

Expectations

You are expected to use the link posted in your It's Learning platform to attend class during your time via Zoom Meeting or in person. If you do not attend the lessons will be recorded, and you can refer back to them later. Assignments are to be completed by the due date posted. Some things need to be done daily, bigger projects are due on Friday. Mondays are for your remediation, catching up, or asking questions (2:30-3:30). You are expected to be on time, be properly dressed, and use the platform properly.

Grading

Grades will be entered several times a week. Grades can be viewed via PowerSchool. Grades can be viewed via It's Learning. Everything in class will be graded unless you are told otherwise. Classwork is 60% of your grade; tests are 40% of your grade.

Grading Scale: A = 90-100

B = 80-89

C = 70-79

F = 0-69

Scope and Sequence

Contact Me

- Contact me via the It's Learning App
- Contact me through Powerschool
- Direct E-mail - kenneth.sitterson@sccpss.com
 - Phone - (434) 710-0318

- Zoom- Look for links on It's Learning

I am really looking forward to a great semester together.