



2021-2022 COURSE SYLLABUS

Intro to Digital Technology 11.41500

Powered By: CodeHS (Georgia Introduction to Digital Technology)

Teacher: Mr. Tommy Walker

Room Number: 030

Semester: Fall/Spring 2021-2022

Textbook: Intro to Digital Technology

Phone Number: 678.829.9411

Email: tommy.walker@apsk12.org

Tutorial Days: Wednesday

Tutorial Hours: 2:30 pm - 3:30 pm

Course Description:

This is the first course required for all of Georgia's IT pathways. This course is designed for 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 with hands-on activities and project focused tasks. Various forms of technologies will be highlighted to expose students to the emerging technologies impacting the digital world. Learning Environment: The course utilizes a blended classroom approach. The content is fully web-based, with students writing and running code in the browser. Teachers utilize tools and resources provided by CodeHS to leverage time in the classroom and give focused 1-on-1 attention to students. Each unit of the course is broken down into lessons. Lessons consist of video tutorials, short quizzes, example programs to explore, and written programming exercises. Programming Environment: For the programming units, students write and run JavaScript programs in the browser using the CodeHS editor. For the web design unit, students write HTML and CSS code in the browser using the CodeHS online editor. Classes can choose to write code using either blocks or text.

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.

Course Content Standards:

- ✓ **Unit 1:** Digital Citizenship and Cyber Hygiene
- ✓ **Unit 2:** Programming with Karel
- ✓ **Unit 3:** Karel Challenges
- ✓ **Unit 4:** What is Computing?
- ✓ **Unit 5:** JavaScript & Graphics.
- ✓ **Unit 6:** Graphics Challenges.
- ✓ **Unit 7:** Mobile Apps Projects.
- ✓ **Unit 8:** Networks and the Internet
- ✓ **Unit 9:** Web Design
- ✓ **Unit 10:** Computer Science Careers
- ✓ **Unit 11:** Final Project

Evaluation and Grading:

Grading Components	Weights
Classwork/CTSO Activity	20%
Bell Ringer/Extra Credit	5%
Lesson Quizzes	20%
Exams	15%
Projects	25%
Employability Skills*	15%
Total Score	100%

Grading Scale:

100-90	A
89-80	B
79-70	C
69-0	F
Not Evaluated	NE

Campus Portal for Parents:

Visit <https://ic.apsk12.org/portal> to view class schedules, attendance records and grades. To activate your account, visit the school to receive your login (activation key).

Required Materials/ Resources/Memberships:

- Google Account
- CodeHS Account
- FBLA Membership

EXTRA CREDIT OPPORTUNITY:

2 Assignment Passes

- ✓ Lysol Wipes
- ✓ Cleaning Spray
- ✓ Kleenex

- ✓ Disinfectant Spray
- ✓ Hand Sanitizer
- ✓ Signed Course Syllabus
- ✓ Color Pencils

Dress For Success Friday's:

Each Friday, students will have an opportunity to turn in or complete any assignment from the CURRENT week WITHOUT a penalty if he or she is dressed in Business Casual or Professional dress throughout the day. In the event the student does not have the class on the specified day, students will have to upload a picture to their social media using the #DouglassPride and @mrwalkersroom to receive credit.

Class Culture

Don't Suffer In Silence | If You Need Help, Ask!

Be Who You Are | We Are One, This Is A Safe Space

One Voice | Everyone's Voice Will Be Heard

Build Capacity | Take Every Moment To Learn And Keep An Open Mind!

Respect | Is Earned And Required

Career Technical Student Organization:



Future Business Leaders of America (FBLA) is a student organization for all middle and high school students participating in business programs. As an integral part of the business instructional program, FBLA provides opportunities for students to develop vocational and career-supportive competencies. Participation in FBLA activities promotes civic and personal responsibility; helps students develop business leadership skills and establish career goals; and prepares them for useful citizenship and productive careers.

Expectation:

- *Students will **NOT** be able to leave class the first 15 minutes or the last 15 minutes of class.*
- BE ON TIME FOR CLASS
- Actively participate in class lessons and activities.
- Support your classmates in their educational and personal growth.
- RESPECT your peers and teachers.

- Have confidence in yourself, do your BEST.
- Dress for success; your appearance is your FIRST impression.

Class Consequences

1. Verbal warning and/or mini student-teacher conference
2. Call home
3. Detention and/or parent-teacher conference
4. Referral to administrator

A PARENT/STUDENT/TEACHER CONTRACT

As a parent/guardian, I will:

- ☐ Show respect and support for my child, the teachers, and the school.
- ☐ Support the school's discipline policy.
- ☐ Provide a quiet, well-lit place for study and supervise homework.
- ☐ Attend parent-teacher conferences.
- ☐ Talk with my child each day about his or her school activities.
- ☐ Monitor my child's TV viewing.
- ☐ Assist with at least one school or classroom activity.
- ☐ Read with my child for at least 10 minutes each day and let my child see me read.

As a student, I will:

- ☐ Always try to do my best work.
- ☐ Be kind and helpful to my classmates.
- ☐ Show respect for myself, my school, and other people.
- ☐ Obey classroom, school, and bus rules.
- ☐ Show respect for property by not stealing or vandalizing.
- ☐ Come to school prepared with my homework and my supplies.
- ☐ Believe that I can and will learn.
- ☐ Spend at least 15 minutes each day studying or reading at home.
- ☐ Talk with my parents each day about my school activities.

As a teacher, I will:

- ☐ Show respect for each child and for his or her family.
- ☐ Make efficient use of learning time.
- ☐ Provide a safe and comfortable environment that's conducive to learning.
- ☐ Help each child grow to his or her fullest potential.
- ☐ Provide meaningful and appropriate homework activities.
- ☐ Provide necessary assistance to parents so they can help with assignments.
- ☐ Enforce school and classroom rules fairly and consistently.
- ☐ Supply students and parents with clear evaluations of progress and achievement.
- ☐ Use special activities in the classroom to make learning enjoyable.
- ☐ Demonstrate professional behavior and a positive attitude.

Now, hand in hand, we will work together to carry out this contract.

Parent Signature

Date

Student Signature

Date