



Introduction to Digital Technology

Course Syllabus

SALEM HIGH SCHOOL
2016—2017

Contact Me

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Phone
770-929-0176

Instructional Supplies

Pen

Pencil

16 Gb Flash Drive

Headphones (earbuds)

Composition Notebook
or Spiral Notebook

PROMPT

POLITE

PREPARED

PROFESSIONAL

PRODUCTIVE

COURSE DESCRIPTION

Introduction to Digital Technology is the foundational course for Web & Digital Communications, Programming, Advanced Programming, Information Support & Services, and Network Systems 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 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 to digital world.

Introduction to Digital Technology is a course that is appropriate for all high school students. The pre-requisite for this course is advisor approval.

Course Curriculum

Semester 1:

1. Introduction to Technology
2. Emerging/Future Technology and Online Resources (Software/Hardware/IT)
3. Problem solving, flowcharting, algorithms, game development
4. Visual programming
5. Information Technology Careers: Programming, Gaming, and Software Development

Semester 2:

1. Customer relationships
2. Networking basics
3. Web design
4. Information Technology Careers: Network Systems, Information Support & Services, and Web & Digital Communications, Computer Forensics
5. Portfolios

Employability and FBLA will be incorporated throughout the entire year.

It is the policy of Rockdale County Public Schools not to discriminate on the basis of sex, race, color, age, religion, national origin, or disability in educational programs, activities, or employment policies and practices.

Evaluation and Grading



Progressive Assignments = 65%	Assessments = 35%
Skill Development Knowledge Application Professionalism Dress for Success Bell Ringers	Business Evaluation Knowledge Application Performance Tasks
Assignments will be weighted based on Depth of Knowledge and skills required to demonstrate mastery.	

Deficiency/Progress Reports and Report Card Dates
HS Deficiency Report - August 26 HS Progress Report - October 14 HS Deficiency Report - November 11 HS Report Card - January 9 HS Deficiency Report - February 10 HS Progress Report - March 17 HS Deficiency Report - April 21 HS Report Card - June 1
These dates are subject to change.

A 90 - 100%	B 80 - 89%	C 75 - 79%	D 70 - 74%	F 0 - 69%
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Classroom Expectations for Academic Success
Students are expected to:
<ol style="list-style-type: none"> 1) Complete daily classwork assignments. 2) Be prepared and punctual. 3) Participate constructively as a team member. 4) Contribute to a respectful learning environment at all times. 5) Present a professional image through appearance, behavior, and language. 6) Be an active and persistent listener. 7) Demonstrate a respectful and safe use of all classroom materials. 8) Challenge yourself to continuously improve.

"Producing big ideas—and leaders who use them to create value—is what business education should be all about."

FUTURE BUSINESS LEADERS OF AMERICA (FBLA)

FBLA is a co-curricular student organization that plays an integral part in the components of the Business & Technology course standards. FBLA activities are incorporated throughout this course and the rest of the Business and Computer Science courses. Students are strongly urged to join FBLA to benefit from the wealth of opportunities the organization has to offer.

We have reviewed and understand the Introduction to Digital Technology Syllabus together.

Print Student Name

Print Parent/Guardian Name

Student Signature

Parent/Guardian Signature

Date

Class Period

Parent Phone Number

Parent Email