

Introduction to Digital Technology

Northview High School

2017 - 2018

Ms. Denise Peek -- Room 437

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Course Overview: Introduction to Digital Technology is a yearlong, two-semester course which introduces students to understanding, communicating about, and adapting to a digital world as it impacts their personal life, society, and the business world.

The following standards will be addressed in this course:

- IT-IDT-1 Demonstrate employability skills required by business and industry.
- IT-IDT-2 Explore, research, and present findings on positions and career paths in technology and the impact of technology on chosen career area.
- IT-IDT-3 Demonstrate effective professional communication skills (oral, written, and digital) and practices that enable positive customer relationships.
- IT-IDT-4 Identify, describe, evaluate, select and use appropriate technology.
- IT-IDT-5 Understand, communicate, and adapt to a digital world.
- IT-IDT-6 Explore and explain the basic components of computer networks.
- IT-IDT-7 Use computational thinking procedures to analyze and solve problems.
- IT-IDT-8 Create and organize webpages through the use of a variety of web programming design tools.
- IT-IDT-9 Design, develop, test and implement programs using visual programming.
- IT-IDT-10 Describe, analyze, develop and follow policies for managing ethical and legal issues in the business world and in a technology-based society.
- IT-IDT-11 Explore how related student organizations are integral parts of career and technology education courses through leadership development, school and community service projects, entrepreneurship development, and competitive events.

Resources:

- Textbook: None at this time.
- Software: Adobe CS5, Scratch, Microsoft Office 2013, Web 2.0, and others
- Supplemental: Internet, teacher-created handouts(uploaded), projects, etc.

Notebook: Students are expected to keep all work for this course organized in a notebook (any type of notebook – 3-ring binder, spiral bound, etc. is acceptable) for future reference. Most assignments will be electronic; however, students are expected to keep paper quizzes, tests, and worksheets available for review.

Materials Needed Daily: Pencil, notebook, flash drive (optional), headphones or earbuds (optional)

Class Information: All important class information will be posted on our Google Classroom page. All students are required to join. The group code will be shared in class.

Make-Up Work: Following an absence, it is the student's responsibility to **review the class Edmodo page** to see what he or she missed. Students are given the same number of days to complete make-up work as the absence. The teacher will establish a reasonable schedule for completing projects, quizzes, etc. that **cannot** be done independently by the student. (Note: All project and quiz makeup sessions will take place before or after school. Failure to attend a scheduled makeup session could result in a reduction of your grade. Please plan accordingly.)

Assignments made prior to the absence, including projects/quizzes scheduled for the day of return, are due upon the student's return. *Students who are present for any portion of the school day are expected to turn in all assignments due on that day in order to receive full credit. This includes missing class for a field trip or other school activity. If a student checks in or out on an assessment day, but misses the assessment, they must make arrangements THAT DAY to make up the assessment.*

Failure to complete make-up work within the designated time frame may result in a grade reduction or loss of credit for the assignment. Assignments missed due to pre-arranged absences are due upon the student's return unless the teacher has approved other arrangements in advance.

Student Evaluation:

Classwork/Homework: Students should expect reading and/or a homework assignment most nights. It is the expectation of the teacher that all homework will be completed before the start of class and will be the student's own work. Classwork should be completed as assigned during class. Because homework and classwork answers are discussed at length in class, **any work not turned in by the due date will be considered late and will result in a maximum of 50% credit.** (15% of total grade)

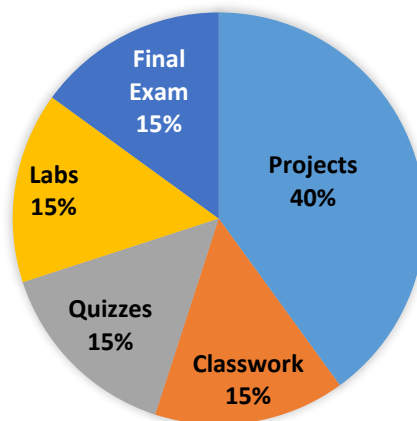
Labs: Success in Introduction to Digital Technology requires completion and understanding of labs that will be completed during class. At any time, the teacher can collect completed labs or give a quiz over specific information from a lab that has been completed as part of the course.

(15% of total grade; lab quiz scores will be counted as a quiz grade.)

Quizzes: Each unit may have at least one quiz. Quizzes will be given to gauge students' understanding of the required reading and assignments. These quizzes can be announced or unannounced. (15% of total grade)

Projects: Each unit will culminate in a project which should be essentially completed during class time. Some projects will be completed individually and others in collaborative groups. Students will be expected to present their projects to the class. (40% of total grade)

Final Exam: The comprehensive final exam will be taken during the class final exam period. (15% of total grade)



Teacher Availability: The easiest way to contact me is through email. I am available for extra help most mornings and at lunch by appointment. Please do not hesitate to ask for help. I am more than willing and welcome the opportunity to help you succeed.

Recovery Policy: Please refer to the Student Handbook for the Recovery Policy.

Cell phones/headphones/iPods/music or game devices cannot be used in Career Tech classes unless it is part of the course curriculum.

Sincerely,
Ms. Denise Peek
peeksd@fultonschools.org

The logo for Northview Titans is displayed on a white rectangular background that is tilted. The word "NORTHVIEW" is written in a bold, black, sans-serif font at the top. Below it, the word "TITANS" is written in a larger, bold, black, stylized font with thick outlines and a lightning bolt graphic integrated into the lettering.