Twin Falls School District
Introduction to IT
intro.bruintech.org
Fundamentals Grades 9-12
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Course Description:

Students completing this course should be comfortable with all aspects of using a modern computer and have the foundations necessary to pursue a career pathway. Students will have an understanding of the historical and present-day use of computers via current event tech crunches and reflection lessons highlighting pivotal moments in computing history. This is a true survey class with topics including: computer hardware, basic networks, basic front end development, and basic programming logic using languages like python and JS. We will also briefly discuss exciting new application of these technologies discussing 3D printing and microelectronic controllers. Students will be exposed to the importance of proper electronic communication and digital citizenship.

Instructional Philosophy:

This course is a composite of lecture, assignments, active production projects, quizzes, and written assessments. The students will build a virtual portfolio of their assignments.

Learning Targets:

1. Basics of Networking Technologies
2. Basics of Web Dev Technologies
3. Basics of Programming Technologies
4. Basics of Computer Technologies
5. Introduction to Basic Computer Science
6. Workplace Ready emphasis
7. Common Core Writing Standards

Cell Phone and Class Policies

Major Course Projects and Assignments:

Reflection Paper - Students will write a reflection paper using the Write Tools format
Labs/Projects – Students will be exposed to as many tools as can be fit in through in-class labs/projects.

Assessment and Grading Plan:

Grades will be assessed using traditional methods and scoring rubrics. Quizzes will be given at the end of each concept covered.

Grading Scale:

A	90 – 100%
B	80 – 89.9%
C	70 – 79.9%
D	60 – 69.9%
F	59% & below

Components of the Grade:

Grades are calculated by total points.

Policy for Re-Doing Work:

If course time allows, "Re-Dos" will be scheduled by the student, graded using the original assignment rubric and will be assessed a 20% deduction once the final grade is calculated. Scheduling of ALL make-up work and "Re-Dos" is the responsibility of the student. All course work must be submitted by 3:00pm the school day prior to finals. Grades are final by the end of course.

Opportunities for Extra Help:

I urge you to take advantage or extra help opportunities! You may make an appointment with me for extra help before or after school. You may also receive personal tutoring from other students.

Grading Rubrics:

The following is a sample rubric used for scoring. Rubric-assessed grades are calculated using the following scale.

Point Assessment	Final Scoring Scale
Excellent = 4 Proficient = 3 Needs Improvement = 2 Unacceptable = 0	4.0 avg.= 100% 3.0 avg.= 80% 2.0 avg.= 60% 1.5 avg.= 50% <1.5 avg.= 0%