

**Danville High School**  
**2017-2018**  
**Math in the Workplace**

**Instructor: Brigham**

**Course Description:**

Math in the Workplace is a course designed to expose students to the mathematics that they will likely encounter in an employment setting. The class will be project-based and topics will encompass a wide variety of skills necessary for life beyond high school in an applied setting. Adjustments to the level of instruction will be based on individual students' needs.

**Learning Objectives:**

- The student will learn how to apply mathematics to real world applications.
- The student will learn how to use a tape measure.
- The student will learn how to calculate area and volume.
- The student will learn how to find and use unit prices to make decisions.
- The student will learn how to manage money effectively.

**Course Materials/Textbooks/Reading List:**

A pencil, notebook, a positive attitude with a desire to learn and willingness to work each day is all you need to bring!

**Methods of Instruction:**

All topics will be taught and assessed in an applied manner.

**Class Schedule:**

Although students will take on a number of tasks, the main project in this course will require students to design and build a scale model of their dream home. The level of depth for which the student will be held responsible may vary based on individual needs.

**Additional Activities:**

- Marketing
- Unit pricing
- Money management
- Product design

**Course Requirements and Policies**

- 1.) Mutual respect must be shown at all times.
  - a.) Make it be ok to make mistakes
  - b.) Pay attention to others when they are talking
  - c.) Work well with peers / Be sensitive to others feelings
  - d.) Establish eye contact when communicating
  - e.) Always give your best effort
- 2.) You will have to do work outside of class.
- 3.) Don't be afraid to make mistakes.
- 4.) Be prepared to present solutions in front of peers.
- 5.) Others?

Course syllabus details subject to change. Please refer to this document frequently.