



# Pottsgrove High School

## Course Syllabus

### Course Information

CIS1360

### Teacher Contact Information

Holli Artim

Mathematics/Computer Science Teacher

Mathematics Department Head

Pottsgrove High School

1345 Kauffman Rd

Pottstown, PA 19464

610-326-5105 ext. 7209

[hartim@pgsd.org](mailto:hartim@pgsd.org)

[www.pgsd.org/hartim](http://www.pgsd.org/hartim)

### Course Description

Credit: .5

Computer science (CS) is the study of computers and algorithmic processes, including their principles, their hardware and software designs, their applications, and their impact on society.

1. knowledge of the computing environment—computer hardware, software applications, and networked systems—that is an integral part of modern society;
2. a way of thinking that uses computers, information, algorithms, and programming languages as a creative medium for solving problems of all kinds; and
3. an appreciation for the complex and changing interactions between computing, individuals, organizations, and culture.

This classroom is a SAFE learning environment. I WANT STUDENTS TO TAKE RISKS. To learn, one must think, make a hypothesis/conjecture and test it. For us to learn and master this material we must support each other in this process.

### Student Learning Objectives/Outcomes

Computer Science Discoveries

<https://youtu.be/g4qfsH8bc8s>

Computer Science Discoveries (CS Discoveries) is an introductory computer science course that empowers students to create authentic artifacts and engage with computer science as a medium for creativity, communication, problem solving, and fun.

### Required Textbooks and Materials

3 Ring Binder/ Folder

### Suggested Course Materials

*Writing utensil preferably a pencil*

## **Grading Guidelines – BUS1360– (.5 credit)**

### *Weighted System*

***Demonstrating Knowledge and Skills (Focus on Quality & Mastery NOT completion)***

*70% - Assessment (projects, performance)*

***Building Knowledge and Skills (Explicit Feedback for Learner is Required)***

*30%- Classwork, and Class Participation/Engagement*

## **Grade Scale**

**100-90 A**

**89-80 B**

**79-70 C**

**69-65 D**

**< 64 F**

## **Classroom and School Policies**

**\*Demonstrating Knowledge and Skills (Assessment)**

- Students are expected to complete all learning activities designated as assessment.

**\*Building Knowledge and Skills (Classwork, Homework, and Participation/Engagement)**

- Students will be given reasonable opportunities to complete building knowledge and skills as defined by the teacher.

\*For further detail on grading please see the school district policy implemented June 16 2015.

## **Technology**

*Technology is used as a tool for review, discover and even assessment.*

## **Student Conduct & Discipline**

Students will be expected to follow the rules of the school as found in the handbook and of the classroom.

## **Teacher Expectations**

1. Be on time for class.
2. Be prepared for class.
3. Be respectful of others.
4. Cell phone free room.

## **Academic Integrity**

We expect that students will show us that they have ***honesty, trust, fairness, respect and responsibility.***