

## Sandy's Classes!

- Web Development I/II
- AP Computer Science Principles
- Computer Applications in Business A/B

Welcome to **Sandy's Classes!** This Syllabus is intended to communicate the expectations and other information needed to ensure all students in **Room 3** enjoy mastering the digital skills needed to succeed in their academic studies and in the modern workplace.



All courses meet International Society for Technology in Education Standards (ISTE), Career Technical Education Standards (CTE), and incorporate Common Core standards. Additionally, all courses incorporate the Hart District Anchor standards for reading, writing, speaking and listening, and math. The courses meet Hart District practical art and general elective credit requirements.

Digital skills are highly valued in college and in the modern workplace! Find more information at: <http://www.skillsyouneed.com/rhubarb/essential-digital-skills.html>;

### Web Development I/II

This course is based on *CTE Foundation Standards for the following Industry Sectors: Finance and Business, Marketing and Sales, and Information Technology*. The Web Development I/II course sequence aligns with COC's course [CAWT173](#) Website Development Software/Dreamweaver, and [CAWT074](#) Introduction to Photoshop Brief; high school students who have completed Web Development I/II will have the necessary skills to enroll in and succeed in [CAWT173](#) and [074](#).

Web Development I/II will have students learn how to create and maintain Web sites/Web pages using basic coding (html and CSS+), and graphic editing software (Adobe Photoshop CC). Web Development II builds on the concepts learned in Web Development I and is designed for students who would like to develop further their Web development skills. In addition to learning how to create and maintain Web sites/Web pages, students will learn and apply written composition, editing, research, and interpersonal skills as they specifically relate to the field of Web Development. Student proficiency will be measured throughout the school year by the satisfactory completion of assignments and assessments. Please check out the Gallery of Student work at <http://sandysclass.com/gallery.html>.

### Computer Applications in Business A/B

This course is based on *CTE Foundation Standards for the following Industry Sectors: Finance and Business, Marketing and Sales, and Information Technology*. The Computer Applications in Business A/B course sequence aligns with COC's Computer Applications courses; high school students who have completed Computer Apps A/B will have the necessary skills to enroll in and succeed in [CAWT 150, 155, 165](#).

Computer Applications in Business A/B will have students develop digital literacy skills to communicate and work efficiently and effectively to find use, summarize, evaluate, create, and communicate information using digital technologies. Students will learn how to use computers to collect, store, distribute and communicate information within a business context. Students will learn how to use current industry-standard office software to complete high school/college coursework and create professional workplace documents using MS Word, Excel and PowerPoint; students will learn and practice file management; and students will learn open source software including Google Docs and Prezi. Student proficiency will be measured throughout the school year by the satisfactory completion of assignments and assessments. For more information, see: [http://sandysclass.com/com\\_apps.html](http://sandysclass.com/com_apps.html).

### AP Computer Science Principles

This course was based on *Next Generation Science and Engineering Standards, International Society for Technology Education Standards, CA State Standards in Mathematics and English-Language Arts, and California Career Technology Education Standards*. AP Computer Science Principles offers a multidisciplinary approach to teaching the underlying principles of computation. The course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts. AP Computer Science Principles will give students the opportunity to use technology to address real-world problems and build relevant solutions. (<https://advancesinap.collegeboard.org/stem/computer-science-principles/course-details>)

**Academic Integrity:** Academic dishonesty includes cheating, fabricating or falsifying information or sources, improper collaboration, submitting the same paper for different classes without permission, and plagiarism. Plagiarism occurs when writers deliberately or unintentionally use another person's language, ideas, or materials and present them as their own without properly acknowledging and citing the source. Class policy: Academic dishonesty and/or plagiarism will result in a "no mark" for the class for the grading period and notification of parents/guardians.

**Books, Materials, Credits Earned:**

All students have access to textbooks, online materials, and well-maintained classroom computers. Students may earn credits through satisfactory completion of assigned work and participation in class during the regular school day (up to ½ credit each week). Outside of the regular school day up to ½ credit may be earned by satisfactory completion of homework (if earned). Homework cannot replace assignments completed in class and participation in class. Homework is assigned in class and is available on the [sandysclass.com](http://sandysclass.com) Web site.

**General Class Rules & Expectations**

Students and teacher will honor the Social Contract created in each class. Grading guidelines are set forth on the class rubric and include: 1) Student produces evidence that meets or exceeds content standards; 2) Student participates in class; 3) Student plans and manages time and resources to achieve goals; 4) Student sets priorities and establishes achievable goals and personal plans for learning; 5) Student respects people's feelings, ideas, abilities and cultural diversity; 6) Student cooperates with and helps and encourages others in group situations; 7) Student understands and follows rules of conduct and respects equipment; 8) Student will refrain from having cell phones out during class time; student will refrain from having headphones or earbuds visible during class; and 8) Student attends school regularly and is punctual (attendance follows Bowman's attendance policy: 4 tardies = Warning, 5 = Detention, (student signs referral and letter/phone call home), 10 = 2 Detentions (students signs referral and letter/phone call home).

Positive synergy is created in the computer lab when students are engaged in their work, asking questions, listening to instructions and demonstrations, and working together to learn new concepts and skills (collaboration and team work are valued when working on assignments in class!). When working on assignments in class, unless otherwise instructed, students are to follow Bowman rules and put away all personal phones and music devices (i.e., iPods, smart phones, etc.). In addition, per school guidelines and rules of safety, students are required to ask permission before leaving class.

**Bowman's Expected Schoolwide Learning Results (ESLRs)** are incorporated in class assignments and are as follows: 1) Improve academic proficiency in reading, writing and math; 2) Communicate effectively; 3) Demonstrate growth in character development; and 4) Explore future opportunities.

Students, parents and guardians are encouraged to check out the [SandysClass](http://SandysClass) Web site to access homework assignments, online supplemental coursework when offered, and to view student work throughout the school year.

If there are any questions about the expectations of this class, students and parents/guardians are encouraged to see me during the school day during 8th period prep 2:20 – 3:00 or contact me by: Email: [sgeyer@hartdistrit.org](mailto:sgeyer@hartdistrit.org) / Telephone: 661-253-4400

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Please sign and return for credit to show you have read the Syllabus and are ready for a fun learning experience!

Class:  Computer Apps, Period \_\_\_\_  Web Development  AP Computer Science Principles

Student Name, First/Last \_\_\_\_\_

Parent/Guardian Name, First/Last \_\_\_\_\_

Parent/Guardian Signature: \_\_\_\_\_

Best Contact Information (phone and/or e-mail): \_\_\_\_\_

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“An investment in knowledge always pays the best interest.”

- Benjamin Franklin