

CY Curriculum 2016-2017 • Mr. Eric J. Schiff

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<http://blogs.4j.lane.edu/schiff> • <http://4j.lane.edu/is/synergy>

Expect some homework, but much of the work needs to be done in the Technology Applications Lab. While Cal Young is a Macintosh computer and iPad based school, many of the software programs and applications are cross platform compatible, or run cloud applications. Software is listed in the course descriptions and on my bog. Students with access at home to similar graphics and other software being used at school, may choose to do work on their projects at home.

Students are expected to save their work on their 4J District Files1 account, and they can use their Flash drive for back up and/or porting work. Students upload finished work to their WordPress ePortfolio blogs for grading. Their graded assignments and updated grades will be posted in the new SIS (Student Information System), Synergy – URL above. Students can also access their 4J files1 account using the District's VPN client that can be downloaded from the district website here: <http://ns.lane.edu/?q=node/29>

All students who have me for classes will have an ePortfolio blog using WordPress – many of the core and elective teachers will also be using WordPress Instructional blogs, and expecting students to use their ePortfolios to varying degrees for their classes as well. These will be used for archiving and reflecting on work samples, and for posting weekly updates on their progress. Students are encouraged to use their blog for archiving work from other classes even if those teacher's are not using the ePortfolio blogs for their curriculum.

Note: All of my courses along with specific assignments and examples are on my instructional blog <http://blogs.4j.lane.edu/schiff> - also listed at the top of this page.

6th Grade Technology Literacy – 12 Weeks

<http://blogs.4j.lane.edu/schiff/courses-2016-17/tech-literacy/tech-lit-assignments-and-examples/>

Information Technology Literacy (Tech Lit) is designed to introduce students to computer and network use, computer and iPad application software and protocols, and library resources at Cal Young. Students will learn word processing standards for CY work, learn to use databases and spreadsheets, photo imaging and graphic design basics, and work with multimedia and presentation software. Students will also be exposed to creating and printing in a 3D environment. Students will use these applications along with principles of information architecture in researching and completing daily assignments and mini-projects.

Broadcast Media – 12 Weeks

<http://blogs.4j.lane.edu/schiff/courses-2016-17/broadcast-media/broadcast-media-assigments/>

Students learn how to write, produce, direct and film PSAs (Public Service Announcements) that will air over our school wide network. Students also learn to operate all of the broadcast studio equipment for producing morning announcements and special events. Students will also have the opportunity to anchor and help produce the live daily morning announcement broadcasts. Students use their district email accounts for using Vimeo.com to share their videos.

Information Design – 12 Weeks

<http://blogs.4j.lane.edu/schiff/courses-2016-17/info-design/information-design-assignments/>

This class covers branding and logo design, principles of typography, collateral design ad campaigns, brochures, poster design, and online presentations. Software used: Adobe Photoshop, Adobe Illustrator, Adobe InDesign, and web-based presentation apps. Students will create a set of Graphics Standards for a business and/or organization as a final term project. Logos will be printed on 3D printers.

3D Design to Build - 12 Weeks

<http://blogs.4j.lane.edu/schiff/courses-2016-17/3d-digital-design/3dd2b-assignments/>

Students will explore designing 3D objects, prototypes, and spaces using Adobe Illustrator, Google SketchUp, and a suite of iPad and computer apps from Autodesk. Autodesk apps include 123d Sculpt+, 123d Design, and Meshmixer. Skills in using perspective, space, measurement and scaling, will be developed. Students will work with wire-frame models as well as learn to apply various textures to objects and spaces they design. We will be using a variety of online 3D design resources and tutorials.

Google SketchUp and the Autodesk apps are free and available for PC and Macs, and iPads and Android tablets. I highly encourage students who have computer access at home to download them to use along with the class.

Projects include designing simple objects, complex objects, buildings, and public spaces. Students will receive introductory instruction and specific project detail in the first few weeks of the term. As the class is project based, it lends itself to project collaboration.

Students will be using Makerbot 3D printers and software to print design prototypes. Students will print three to four projects during the term and will be expected to create at least one design project as part of a team during the term that also will be printed.

Journalism/Yearbook – 12 Weeks

<http://blogs.4j.lane.edu/schiff/courses-2016-17/journalism/journalism-assignments/>

Students produce the school paper, video narratives and multimedia projects, and the yearbook. They learn styles of journalistic writing, photography, video, publication layout and design, and skills in project management. Students have the opportunity to take on a variety of responsibilities tied to the many types of media production. As the term evolves, many of the day-to-day activities and work required to produce the two publications becomes student directed.

I use a system of student team leaders called QCEs (Quality Control Experts) who head teams of 10-12 students. They coordinate individual and group Zinger (school paper), Video, and Yearbook activities for production. I also have a small group of students responsible for oversight, training, and coordination of working with software for production, and as liaisons with our yearbook company representative.

All of our publication is done using computers and other digital tools. The yearbook is web-based using LifeTouch's WebEase browser based software, and we use Adobe InDesign and Photoshop for the student paper. Our goal is to produce a minimum of 2 papers per term, a variety of video projects, and of course, meet our yearbook deadlines. All yearbook content is due in final copy by the first week in April!

Digital Animation – 12 Weeks

<http://blogs.4j.lane.edu/schiff/courses-2016-17/animation/animation-assignments/>

Students will study a variety of animation techniques and models during the term. Examples will be demonstrated through the use of a variety of tools, video, and online resources. Students will work with still images, video - stop motion animation using iPads and apps, Adobe Photoshop, and Adobe Flash to create their projects. We will also explore 3D design programs to create 3D models for animation projects.

CY Morning News – All Year

Students train in the CY broadcast studio becoming proficient in running the equipment used to broadcast the daily morning news announcements. Students in the Broadcast Media classes receive formal training in the studio, as it is required to pass the class. Many go on to continue working in the studio during 0 Period (before school) to prep and then produce the live newscast. Any student who is interested in working in the studio can contact me, show up and receive training during the 0 Period so they can have an opportunity to work the broadcast. We are now streaming the video broadcast live over the internet at: <http://ustream.tv/channel/calyoung>

CY Media Pros – All Year

During my journalism class, I have a group of students who are working with a local realtor to produce virtual video walk-throughs of properties in the Eugene area. They work independently under my supervision and with the realtor to go on-site to film and then produce and edit their projects in the CY lab. This is a formal business arrangement where the school is compensated for the work. Compensation received, is put back into the lab to support the tech programs.