

Digital Pictures & Film course outline



Course outline:

Students will learn to control and take pictures with digital cameras, edit their photos with iphoto and photoshop and create multimedia presentations using iphoto and other applications.

In the second part of the course, they will learn to operate a camcorder, imovie, final cut express. The student will also learn all the phases of movie production to create commercials and short movies.

Student activities:

A) Digital pictures

- 1) Learn the definitions that surround the world of digital pictures
- 2) Learn basic tips for taking better pictures, regardless of equipment used
- 3) Learn to manipulate photos in iphoto; crop, special effects, histogram etc.
- 4) Learn the basics, and more complicated controls on a digital camera
- 5) Learn and create different forms of photography including portraits, landscapes, abstract, macro etc.
- 6) Learn how to shoot and edit panoramic photographs
- 7) Create slide shows using iphoto including music and the "Ken Burns effect"
- 8) Learn basic photoshop techniques; layers, cloning, sharpening, etc.
- 9) Create a photo book in iPhoto
- 10) Complete some projects near the completion of the class which will concentrate on specific themes and problems to be solved with photography. (like a photo essay)

B) Digital film making

- 1) Learn to use iMovie and Final cut express.
- 2) Learn all phases of media production
- 3) Learn basics of making movies; story boarding, types of shots, lighting and sound techniques etc.
- 4) Produce a Digital story on “My life” using iMovie; including writing and narrating a story, using transitions and music.
- 5) Learn basic camcorder operation and create short (less than 5 minute) commercials, interviews, music videos using the techniques learned in #2 and #3
- 6) Learn green room, sound and 3pt lighting techniques.
- 7) Learn iDvd and create an interactive portfolio dvd (including all your work from the year) which will be your final project.



Supplies

- You will receive one cd and one dvd-r with your course fee
- You will need to supply:
 - loose-leaf for note taking, journalling and idea mapping
 - one duo-tang for handouts and notes
 - Optional: usb flash drive to transport media between computers.

Evaluation

Projects will have components of effort, skill level, knowledge, and completion. There will be quizzes on key areas of knowledge. Rubrics will be available for major projects.

- 50% projects
- 25% Quizzes. tests
- 15% Daily learning. Respect for equipment, time in the classroom, other people's projects, constructive evaluation of other's projects, sharing insight. and daily work
- 10% Notebook, notes, handouts

Expectations

- 1) Students will respect each other while working in groups and evaluating each other's work.
- 2) Students will take great care with all camera, video and computer equipment. A failure to be careful and follow guidelines will result in a ban on using the equipment. All equipment gets signed out always.
- 3) Careless use of equipment that results in breakage will result in students paying for repairs.
- 4) All work is expected to completed on time as we publicly show our work.
- 5) The mac lab will be open 4 out of 6 lunch periods for people to catch up on assignments.