

DM77/Art77/CSIS 77: Intro to Digital Media Schedule Spring 2009

week1 - February 3 (tuesday) lecture: Course description and requirements. The Digital Media program website. Introduction to hardware/software requirements (usb storage) and the tools available in digital media studio. Introduction to the lab, its operation, and restrictions. Overview of Semester Projects - w/software tools.
Class Lab: turn on computers - Mac Basics (operating systems/storage), (applications we will use), Logging in, send email to instructor (get email accounts), questionnaire, visual introductions, questions students, Atomic Learning.com log in info
Assignment 1: Introduction to Multimedia Concepts.

week2 - February 10 lecture: Digital numbers and terminology. Introduction to history and concepts of multimedia (pp)
Class Lab: Explore the mac & software available - Intro to Photoshop - in class exercise on color adjust, sizing digital images, type tool, saving jpgs to specific location (flash drive), email finished in-class exercise to instructor.
Assignment 2: The history and concepts of Multimedia. .
Assignment 2B: Read the handout Laurie Anderson song & write a 1/2 page paper on how Digital Media affects your own life. Turn in Tues. Sept. 16

week3 - February 17 lecture: The concept of sampling or digitizing of sound and video. Compression and decompression of digital data (pp) . Types of codecs (algorithms for compressing and expanding files). Multimedia file types (garageband, imovie, dreamweaver, html etc.)
Class lab: Intro to Photoshop (continued) {selecting, cut, paste, layers, sizing & creating buttons/banners}, Intro to Dreamweaver, Review a web site - assignment #3
Assignment #3: See handout for questions
Reading: Start reading chapter 2 " Images on the web" (web wizard text)
Online tutorials: watch Photoshop CS3 tutorial movies in sections A, B, on AtomicLearning.com.

week4 - February 24 File types for the web, discussion of root folders, web sites. A look at photo oriented web sites. Picking a topic for photos / digital cameras
Class lab: Intro to Photoshop (color adjust/brightness/etc.) in-class exercise - adjusting imgs (crop, size colors). Intro to Dreamweaver, Finish watching the Photoshop CS3 tutorial movies in sections A, B, C & F on AtomicLearning.com
Assignment 4: Do the Review and Hands-on questions at the end of Chapter 2.
Assignment 4b: At home, photograph 6-10 digital pictures based on your chosen topic. Please photograph new images if possible. Images found on the web are not allowed. bring your original photos to class for next week, on disc, in camera
Online tutorials: watch Photoshop CS3 tutorial movies in sections C, F, on AtomicLearning.com.

week5 - March 3 Image editing. (How to import your images / iphoto), Resolution, Printing an image demonstration, (if time - web photo gallery from PS demo)
Class lab: Scan or import your photos into the computer , ending up in Photoshop. Save these as Photoshop (.PSD) files. Open Photoshop, then under the Help menu, go through "How to Create Images for the Web." Adjust image in Photoshop and save the file to your drive in both .psd, and .jpg files.
Assignment 5: Print one scanned/imported image. (see handout)

week6 - March 10 Instructor Assisted work time for Assignment 5 & 6
Class Lab: Work time / Students prepare images for automated web photo gallery in Assignment #6 & print their favorite image to turn in for assignment 5.
Assignment 6: Preparing images for the web / online photo gallery.
Assignment 6b: HTML intro (see hand out)
Online tutorials: watch Photoshop CS3 tutorials - Do E. Web Graphics, #3 Saving the Picture for Web Use on Atomic Learning.com

week7 - March 17 (Mid-Term Exam) all about HTML, Dreamweaver, & homepages. (designer/code/split views), files all in 1 folder - demon site building
Class lab: Dreamweaver, beginning to build your basic web page. Study the lessons in Assignment #7, the HTML tutorial page and constructing your home page using Dreamweaver. Be prepared to start on Assignment 7: Constructing your webpage
Reading Assignment: Read Chapter 3 in web wizards.
Assignment #7: constructing a basic web site

week8 - March 24 HTML, Dreamweaver review. Show web page layouts. colors/interface design, Web homepage except for banner. Demos: Creating buttons/banners in PS, importing to Dreamweaver
Class lab: work time: Finish your web site Home Page including Gallery and other links to sites that relate to your subject matter.

week9 - March 31 Introduction to Flash Animation Software. Showcase Flash websites, Flash player files vs. document (.fla) file type. Vector graphics and the pen. Flash draw tools. Demo Creating a Flash Banner
Class lab: Create a keyframe animation or animated Flash Banner
Assignment 8: Adding a Flash banner to your web site.
Online tutorials: <http://www.freeflashtutorials.com/lessons.html> and download the Beginner Lesson 1, Watch AtomicLearning.com A. Basics #1 - 8, B. Working with the Flash Interface #1 - 5, and C. Basic Tools #1 - 9.

week10 - April 7 Animating with Flash. The concepts of timelines, keyframes, motion guides, tweening, and shape animation. Adding Sound to flash (intro to Garageband), How to add your flash files to Dreamweaver
Class lab: Add sound to your animation, for your final website project..
Online tutorials: www.atomiclearning.com for assistance. See AtomicLearning.com & watch D. Modifying Shapes #1 - 12, E. Layers and Timeline #1 - 5, F. Symbols Library & Behaviors #1 - 4, & G. Frames & Animation #1 - 12.
Assignment 9: Review a flash website. Take a good look at miniUSA.com or www.zefrank.com. Do Hands-On exercises 1 and 5 on page 71.

spring break April 11 - April 17

week 11 - April 21 Intro to video and digital storytelling. Description of final web project, and podcast project (intro to imovie) (intro to garageband)
Class lab: Finish your adding web banner/site. Work on website, write script
Assignment 10: Read Chapter 4, Sound on the Web. Answer Review Questions and do Hands-On Exercise #1 on page 102.
Assignment 11 : Write a short story related to your topic (script) This will be a web-video for your site page and Podcasting (i.e., digital storytelling).

week12 - April 28 Digitizing, file types for Video and Sound. Video recording tips. Lighting, camera settings, tripods, etc. (more imovie / garageband) demo on recording audio voiceovers in class (checking out cameras)
Class lab: work time in imovie / garage band recording voiceover
Assignment 12: (see handout for details) Create a video story - Gather assets for Video Story. Go to Atomic Learning and study the Video Storytelling Guide found under the Resources menu. (see handout) Study iMovie HD 6 tutorials on Atomic Learning

week13 - May 5 Shooting and capturing video, using photos, effects and transitions Capturing video, using photos, effects and transitions iMovie. Converting (e.g., compressing video for use, on your web site, on YouTube, in iPods, and cell phones.
Class lab: Finish video production, finalize voiceover recordings and iMovie Editing Basics. Render your video for web.
Assignment 13: once Video is finalized, make a link to incorporate into your web site. (upload your finished website to the internet - post it live) (see handout)

week14 - May 12 checking links, de0bugging, finalizing your website with working flash banners, podcast link, and more - progress checks
Class lab: work time for final projects, edit video. Prepare final projects, burn to disc to turn in and bring to Final Class Exam Day.

week15 - May 19 FINAL (date TBA)
turn in completed project burned on disk today!! Final Exam and Project Presentations. Present your web site and video story.

PDFs of homework assignments are available online at <http://alixandramullins.com/digitalmedia/dm77.html>