Syllabus for

UCLAE Flash 1: Flash Using CS3

1. CLASS INFORMATION

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| DETAILS | Flash I Using CS3  Art 481.52   (4 Units)  Instructor: Samuel Asher Rivello |
| OBJECTIVE | Create and deliver interactive content for the web and related media using Flash, an integral part of a designer's web toolkit. Explore animation, powerful drawing tools, user interface features, and the basics of ActionScripting. |
| CONCEPTS | Major concepts covered are web animation and scripting to create a web site. Topics include an overview of vector-based drawing tools, animation techniques, and interactive symbol functions, as well as a thorough grounding in powerful web animation and development tools such as Flash CS3 and ActionScript 3.0. Students will learn to set variables and properties of symbols, create interactivity in web projects, and explore more advanced features of web design, layout and publishing along with dynamic content loading. |
| PREREQUISITE | Dreamweaver I and Basic Interface Design Using CS3; familiarity with Illustrator and Photoshop. |
| DATE AND TIME | Thursday, 7-10pm  June 26 - September 11, 12 mtgs.  No refund after July 3. |
| LOCATION | Room #B04, UCLA Extension, 1010 Westwood Blvd,  Los Angeles, CA 90024-2912 |
| FORMAT | 3 hrs/wk. The class time will follow a ‘Show & Tell’ format. Each session we will work through an outline of new techniques from the book. Students will read the material before class. The instructor will show how to do the technique then students tell that they have learned the technique by repeating the exercises themselves.  Class is held in a Mac Lab. While in the labs students must use the provided computers. While outside of class, students must have access to their own computer w/ Adobe Flash CS3 to complete assignments. The lab is not open outside of class. |
| ATTENDANCE | Students will receive 1 point (out of 100) for each session for which he or she attends and participates.  Participation: You are invited to add relevant comments and questions to the classroom environment. The UCLA Extension classroom experience is enriched by the active participation of its students. Because of this, arriving late, leaving early, or failing to participate constructively may disqualify the student from attendance credit. |
| TEXTBOOK | [Flash CS3 Professional Visual QuickStart Guide](http://www.amazon.com/Professional-Windows-Macintosh-Visual-QuickStart/dp/0321502914/ref=pd_bbs_sr_1?ie=UTF8&s=books&qid=1211757503&sr=8-1)  Peachpit Press; 1st Edition (August 4, 2007)  By Katherine Ulrich  This text is required. |
| WEBSITE | Class website  Students are expected to check the website for updates regularly, at least one time per week. It is the responsibility of all students to be aware of all information and assignments posted on the class website.  Class Website: [TBD]  Help Forum  LA Flash, an Adobe Flash User Group, runs a free help forum. For free limited help and assistance at any time, just post your questions. Sometimes questions get answered quickly, sometimes slowly, and sometimes not at all. But I also encourage all of you to participate and answer your classmates' questions if you can help. Students who actively participate on the help forum during the course will qualify for extra credit points.  <http://laflash.org/forums>  (create a free LA Flash account to post) |
| MIDTERM | There will be a midterm exam on week 7. The exam will only take up a portion of the class. We will also have a lecture that day. More information on the midterm will be made available before the exam date. |
| PROJECT | There is no final exam. In its place, students will submit a final project. This final project will be to create on of the following;   * A Website * A Media player * A Game   During the course we will complete an example of these three projects so there will be an opportunity to learn the basics of each and students will have models to work from. |
| SUBMISSIONS | All project submissions should be ZIP'd (compressed into a zip file) and named: [projectTitle[\_[lastName]\_[firstName]\_[year]\_[month]\_[day]\_v[versionNumber].zip  Ex. If I submitted my pitch on January 9th, 2007, I would name my zip file:  P1\_rivello\_samuel\_2007\_01\_09\_v1.zip  **Submit** **by 11:59:00 PM of the date specified** in the assignment. Due dates are always Tuesdays [TBD day of week].  **Project Upload*: [TBD]*** |
| GRADING | The following point structure will be used in determining the grade for the course. Final grades will be based upon the total points received.  [TBD add the UCLAE grading scale]  **Extra Credit:**  Active participation, using your LA Flash username, on the LA Flash Help Forum will qualify you for up to 10 extra points, at the instructor's discretion. If you are interested in this, please ask the instructor before beginning. |
| POLICIES | *[TBD this section]*  *Make-up policy for exams*: To make up for a missed exam, the student must provide a satisfactory reason (as determined by the instructor) along with proper documentation. Make-up exams are only allowed under extraordinary circumstances.  *Projects/Assignments*: It is the student’s responsibility to turn in projects on or before deadlines as set by the instructor.  *Late Projects/Assignments*: Projects submitted late will be discounted 5 points each day the submission is late (out of 15). Contact the instructor in advance for extensions in special circumstances. | |
| ACADEMIC INTEGRITY | *[TBD this section]*  The use of unauthorized material, communication with fellow students during an examination, attempting to benefit from the work of another student, and similar behavior that defeats the intent of an examination or other class work is unacceptable to the University. It is often difficult to distinguish between a culpable act and inadvertent behavior resulting from the nervous tension accompanying examinations. When the instructor determines a violation has occurred, appropriate action, as determined by the instructor, will be taken.  Though working together is encouraged, the projects must be your own effort. “Duplicate” projects will all receive zero points and possible referral to the Office for Student Conduct.  All students should read, understand and abide by the University Student Conduct Code | |
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| INSTRUCTOR CONTACT | You may contact the instructor 24 hours a day by email.  **Instructor Email:** uclae2008@rivello.org  **[TBD, really?] Contacting me through Blackboard is not recommended.** |

1. GRADING

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| --- | --- | --- | --- | --- | --- |
| TYPE | TITLE | DESCRIPTION | DELIVERY | DUE | POINTS |
|  |  |  |  |  |  |
| Weekly (10%) | Assignment | 3 Questions Quiz | C | \*3 | 9 x 1pt +  1pt Teachback |
|  |  |  |  |  |  |
| Participation (15%) | Attendance | \*1 | C | N/A | 12pt |
|  | Overall | \*1 | C | N/A | 3pt |
|  |  |  |  |  |  |
| Midterm (25%) | Midterm | 30 Questions | C | 08/07/08 | 30 x 1pt, Max 25 pts |
|  |  |  |  |  |  |
| PROJECT (50%) | P1 | Pitch | BE | 3/8/07 | 8 |
|  | P2 | Designs | BF | 3/22/07 | 8 |
|  | P3 | BETA | BF | 4/12/07 | 14 |
|  | P4 | BETA Critique | C | 4/17/07 | 0 |
|  | P5 | Final | BF | 4/26/07 | 40 |
|  |  |  |  |  |  |
|  |  |  |  |  | **TOTAL 100** |

|  |  |
| --- | --- |
| TYPE | 100% Total in 4 Grade Types. Nine (9) of the sessions will include a quiz on materials from the readings or previous classes. Each student will also have one opportunity to teach back to the class a very short lesson. This ‘teachback’ is worth 1 pt. |
| TITLE | Name used in Blackboard’s grading list which is updated weekly. |
| DESCRIPTION | \*1 – See Related Section in ‘Details’ Above |
| DELIVERY | (BE) Blackboard Email, (BF) Blackboard File Upload, (C) In Class |
| POINTS | (BE) Blackboard Email, (BF) Blackboard File Upload, (BT) Blackboard Testing, (C) In Class |
| DUE | \*3 – See Related Section in ‘Schedule’ Below  Project assignments will be distributed to students in advance of each due date, including detailing assignment information and grading criteria. Projects are due **bv 11:59:00 PM** ofthe date specified. |

1. SCHEDULE

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| SESSION #1 | **Title**: Introduction to Adobe Flash CS3  **Date:** Thursday 7pm – 10pm, June 26th, 2008  **Textbook Chapter(s)**:   * Introduction * Chapter 1: The Flash Authoring Tool * Chapter 2: Creating Simple Graphics   **Online Reading(s)**:   * None   **Quiz:** Yes |
| SESSION #2 | **Title**: Basic Tools  **Date:** Thursday 7pm – 10pm, July 7th, 2008  **Textbook Chapter(s)**:   * Chapter 3: Working with Text * Chapter  4. Modifying Simple Graphics * Chapter  5. Complex Graphics on a Single Layer   **Online Reading(s)**:   * None   **Quiz:** Yes  **Guest Lecturer:** Dan Cluff |
| SESSION #3 | **Title**: Advanced Tools  **Date:** Thursday 7pm – 10pm, July 10th, 2008  **Textbook Chapter(s)**:   * Chapter  6. Graphics on Multiple Layers * Chapter  7. Working with Symbols   **Online Reading(s)**:   * None   **Quiz:** Yes |
| SESSION #4 | **Title**: Basic Animation  **Date:** Thursday 7pm – 10pm, July 17th, 2008  **Textbook Chapter(s)**:   * Chapter  8. Frame- by-Frame Animations * Chapter  9. Animation with Motion Tweening   **Online Reading(s)**:   * None   **Quiz:** Yes |
| SESSION #5 | **Title**: Advanced Animation  **Date:** Thursday 7pm – 10pm, July 24th, 2008  **Textbook Chapter(s)**:   * Chapter 10. Animation with Shape Tweening * Chapter 11. More-Complex Animation Tasks   **Online Reading(s)**:   * None   **Quiz:** Yes |
| SESSION #6 | **Title**: Basic Interactivity  **Date:** Thursday 7pm – 10pm, July 31st, 2008  **Textbook Chapter(s)**:   * Chapter 12. Building Buttons for Interactivity * Chapter 13. Basic Interactivity   **Online Reading(s)**:   * None   **Quiz:** Yes |
| SESSION #7 | **Title**: Midterm & Brainstorm  **Date:** Thursday 7pm – 10pm, August 7th, 2008  **Textbook Chapter(s)**:   * None   **Online Reading(s)**:   * None   **Quiz:** No  **Midterm:** 30 Questions on everything covered so far including what’s due today |
| SESSION #8 | **Title**: SLDC & Final Project Templates  **Date:** Thursday 7pm – 10pm, August 14th, 2008  **Textbook Chapter(s)**:   * None   **Online Reading(s)**:   * ‘Software Development LifeCycle (SLDC)’   + <http://en.wikipedia.org/wiki/Software_development_process> * ‘Wireframing’ by George Petrov   + <http://www.dmxzone.com/ShowDetail.asp?NewsId=3991> * ‘Wire Frame Your Site’, By Matt Beach   + <http://www.sitepoint.com/article/wire-frame-your-site>   **Lecture Topic(s)**: I’ll give a ‘How-to’ for each;   * Project Template 1: Simple Flash Website * Project Template 2: Simple Flash Game * Project Template 3: Simple Flash Application   **Quiz:** Yes |
| SESSION #9 | **Title**:  **Date:** Thursday 7pm – 10pm, August 21st, 2008  **Textbook Chapter(s)**:      **Online Reading(s)**:   * None   **Quiz:** Yes |
| SESSION #10 | **Title**:  **Date:** Thursday 7pm – 10pm, August 28th, 2008  **Textbook Chapter(s)**:      **Online Reading(s)**:   * None   **Quiz:** Yes |
| SESSION #11 | **Title**: Working with External Assets  **Date:** Thursday 7pm – 10pm, September 4th, 2008  **Textbook Chapter(s)**:   * Chapter 14. Using Non-Flash Graphics * Chapter 15. Adding Sound * Chapter 16. Adding Video   **Online Reading(s)**:   * None   **Quiz:** Yes  **Guest Lecturer:** Dan Cluff |
| SESSION #12 | **Title**: Critique & Career Day  **Date:** Thursday 7pm – 10pm, September 11th, 2008  **Textbook Chapter(s)**:    **Online Reading(s)**:   * None   **Quiz:** Yes |

4. FINAL PROJECT

You have the choice of one of these 3 projects. Each is to be delivered via blackboard per the deliverables schedule above, but for simplicity will be designed to run offline.

**Project Requirements**

* Be submitted as at least one FLA file and one SWF file
* Be 24 Frames per second
* Be 640x480 dimensions or larger
* Include a preloader
* Include at least one button which opens a new webpage.
* Include at least one Flash filter
* Include at least one use of ‘Runtime bitmap caching’ also known as ‘CacheAsBitmap’
* Include final, polished graphics. Graphics may be created new or found from any source.
* Operate smoothly without any ‘bugs’

**Project Optionals**

* Incorporate an external CSS StyleSheet with 2 or more CSS Styles
* In addition to submitting via FTP, also launch the project online

Here are the requirements, listed by project.

**1. Website Final Project Specifications**

Minimum Requirements

Scene Breakdown

* Intro Scene
  + Description
    - Animated introduction of 5 seconds duration or longer
  + Optional Buttons
    - “View Main Menu”
* Main Scene
  + Description
    - This scene contains a menu area and content area. Selecting from the menu updates the content area with one of the content sections
  + Required Buttons
    - Buttons to Three or more content sections, such as;
      * Learn About Me
      * View my Portfolio
      * View my Resume
      * Contact Me
        + Opens an email addressed to you, or updates the content area which contains a button which opens an email addressed to you. [This counts as the requirement for ‘Open a New Webpage’]

Optional Additions

* Dynamically load any externalized content (SWF, FLV, MP3)
* Include more content sections

**2. Media Player Final Project Specifications**

Minimum Requirements

Scene Breakdown

* Intro Scene
  + Description
    - Animated introduction of 5 seconds duration or longer
  + Optional Buttons
    - “View Media Player”
* Main Scene
  + Description
    - Selecting an item on the playlist will start the externally loaded video playing on the screen. The controls manipulate the video playing. This scene contains these areas
      * Media player screen – 320x240 or larger base dimensions
      * Media player controls, shown as icons, text, or both
        + Play/Pause
        + Stop
        + Rewind to Beginning
        + Enlarge/Shrink Screen
      * Media player playlist
        + Display a title, duration, and thumbnail image for three or more videos
  + Required Buttons
    - View More Videos. [This counts as the requirement for ‘Open a New Webpage’ and may open youtube.com or any other video website]

Optional Additions

* Include more video items in the playlist
* Load playlist information externally

**3. Game Final Project Specifications**

Minimum Requirements

Scene Breakdown

* Intro Scene
  + Description
    - Animated introduction of 5 seconds duration or longer
  + Optional Buttons
    - “View Main Menu”
* Main Menu Scene
  + Description
    - The layout thematically ties to the gameplay.
  + Required Buttons
    - “Play Game”
    - “View Instructions”
* Game Scene
  + Description
    - Use the mouse and/or Keys to control a character. Gameplay TBD and must be approved by instructor before production begins. Use hit detection and include a scoreboard which updates during play.
  + Required Buttons
    - “Quit Game”
* Game Over Scene
  + Description
    - The layout thematically ties to the gameplay. May reuse assets from Main Menu for consistency. A dynamic phrase displays text similar to both ‘Congratulations, You eared X points’ and ‘You Quite Early. You earned X Points. Play again soon!’
  + Required Buttons
    - “View Main Menu”

Optional Additions

* Dynamically load any externalized content (SWF, FLV, MP3)
* Load all display text externally

NOTES

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