

Grading: Grading will be based on lecture attendance, lab completion and participation, completed assignments and projects, midterm grades, and a major individual project.

Final grades will be determined as follows:

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| <i>Quizzes, Assignments and Projects:</i> | 30% |
| <i>Class Participation, Attendance and Lab Exercises:</i> | 15% |
| <i>Examination:</i> | 20% |
| <i>Individual Major Project:</i> | 35% |

Final course marks are determined by standard formulas:

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| <i>A</i> | <i>100% - 93%</i> |
| <i>A-</i> | <i>92% - 90%</i> |
| <i>B+</i> | <i>89% - 87%</i> |
| <i>B</i> | <i>86% - 83%</i> |
| <i>B-</i> | <i>82% - 80%</i> |
| <i>C+</i> | <i>79% - 77%</i> |
| <i>C</i> | <i>76% - 73%</i> |
| <i>C-</i> | <i>72% - 70%</i> |
| <i>D+</i> | <i>69% - 67%</i> |
| <i>D</i> | <i>66% - 63%</i> |
| <i>F</i> | <i>62% and below</i> |

Class Policies: Students are expected to:

- Attend and participate in lecture discussions and critiques
- Attend and complete weekly lab quizzes, assignments and projects
- Manage and complete individual class projects

Students are responsible for completing assignments and projects by stated deadlines. Most assignments will be uploaded by students to their USC Web space and linked from a class assignment page.

Assignments: It is the responsibility of the student to make sure projects and assignment are turned in on time. Make sure you follow the procedures outlined in each assignment or project. Each student will maintain their own assignment page with links to all completed work in the course.

Late projects will be credited for HALF of the total points. No projects will be accepted later than one week from the due date. It is the responsibility of the student to contact the grader when posting late projects.

ITP Labs: Before logging onto an ITP computer, students must ensure that they have emailed or saved projects created during the class or lab session. Any work not saved will be erased after restarting the computer. ITP is not responsible for any work lost.

ITP offers Open Lab use for all students enrolled in ITP classes. These open labs are held beginning the second week of classes through the last week of classes. Please contact your instructor for specific times and days for the current semester.

Academic Integrity: 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 professor determines that a violation has occurred, appropriate action, as determined by the instructor, will be taken.

Although working together is encouraged, all work claimed as yours must in fact be your own effort. Students who plagiarize the work of other students will receive zero points and possibly be referred to Student Judicial Affairs and Community Standards (SJACS).

All students should read, understand, and abide by the University Student Conduct Code listed in SCampus, and available at:
<http://www.usc.edu/student-affairs/SJACS/nonacademicreview.html>

Students with Disabilities Any student requesting academic accommodations based on a disability is required to register with Disability Services and Programs (DSP) each semester. A letter of verification for approved accommodations can be obtained from DSP. Please be sure the letter is delivered as early in the semester as possible. DSP is located in STU301 and is open 8:30 a.m. – 5 p.m., Monday through Friday. The phone number for DSP is (213) 740-0776.

Texts: *Please note the below texts are optional texts for more detail and background in html, web publishing and Dreamweaver. Most week readings and tutorials from the Web will be posted.*

JavaScript Bible, 6th Edition, Danny Goodman, Hungry Minds, 2007. (optional)

Interactive Web Development

ITP301 (4 units)

Course Outline:

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| Week 1 | Jan 14, 16 | | Course introduction and overview Introduction to scripting languages Object-oriented programming basics <i>D</i> Review of Dreamweaver <i>D</i> Implementing Javascript in Dreamweaver <i>CSS</i> Review of CSS styles, stylesheets and properties, <i>CSS</i> Div and the “box” tableless layout model <i>CSS</i> Review of intermediate CSS, pseudo-classes and states |
| | <i>Jan 21</i> | | <i>University Holiday</i> |
| Week 2 | Jan 23 | <i>CSS</i> | Advanced CSS |
| Week 3 | Jan 28, 30 | <i>jQ</i> <i>jQ</i> <i>D</i> <i>D</i> | Intro to jQuery Using jQuery plug-ins Spry effects and modules Miscellaneous DW tips, tricks and wizards |
| Week 4 | Feb 04, 06 | <i>JS</i> <i>JS</i> | Introduction to Javascript syntax and the DOM Variables, Expressions, Functions |
| Week 5 | Feb 11. 13 | <i>JS</i> <i>JS</i> | Conditional Logic, Loops Editing Style Properties |
| | <i>Feb 18</i> | | <i>University Holiday</i> |
| Week 6 | Feb 20 | <i>JS</i> | Arrays, Dynamic Documents |
| Week 7 | Feb 25, 27 | <i>JS</i> <i>JS</i> | Data validation Regular Expressions, Loops |
| Week 8 | Mar 04, 06 | <i>JS</i> <i>JS</i> <i>JS</i> | Searching through Arrays Layers and DHTML Exam prep |
| Week 9 | Mar 11, 13 | | JS Examinations |
| | <i>Mar 18, 20</i> | | <i>Spring Break</i> |

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| Week 10 | Mar 25, 27 | <i>JS</i> <i>JS</i> <i>JS</i> | Window and document objects Dynamic form objects revisited Object detection, return |
| Week 11 | Apr 01, 03 | <i>JS</i> <i>JS</i> | <i>JS</i> Scripting form objects, JS shorthand Using other JS libraries |
| Week12 | Apr 08, 10 | <i>jQ</i> <i>JS</i> | jQuery revisited Other libraries and APIs such as Ajax and Google Maps Special Topics (TBA) |
| Week 13 | Apr 15, 17 | | Individual Student Conferences |
| Week 14 | Apr 22, 24 | | Special Topics (TBA) |
| Week 15 | Apr 29, May 01 | <i>JS</i> | Javascript Group Project Presentations Special Topics (TBA) |
| | May 03 | | Major Projects due on Friday by 6 p.m. of Week 15 |
| Week 16 | May 08 | | Student presentations of major projects |