

The Art Institute of Pittsburgh

Course Syllabus

Course Information

Course Title: Fundamentals of the Internet
Course Code: FND132C
Course Prerequisite: None
Course Length: 10 Weeks
Contact Hours: 44 Hours
Credit Value: 3.0 Credits
Quarter/Year: Summer 2008
Section: A
Meeting Time/Day: Saturday, 1:00 – 5:20 PM
Room: AIP Room 628

Instructor Contact Information

Name: William J. Moner
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Course Description:

The increasing use of the Internet and the advent of the World Wide Web have created a growing market for individuals who can integrate aesthetic design principles coupled with web page scripting skills. This course covers the creation World Wide Web pages utilizing HTML, the basic scripting language of all web documents, in addition to many of the other effects and extension scripts available for that medium.

Course Competencies:

1. Demonstrate an understanding of the WWW and Internet.
2. Demonstrate understanding and ability of web browsing.
3. Demonstrate understanding and ability of Internet applications (FTP, Newsgroups, Email, Telnet, IRC).
4. Demonstrate use of web scripting using HTML.
5. Demonstrate problem solving using HTML.
6. Analyze web pages.
7. Show understanding of HTML markup to be prepared for future changes.

Students with Disabilities:

It is a policy of The Art Institute of Pittsburgh to not discriminate against qualified students with documented disabilities in its educational programs. If you have a disability-related need for modifications in this class, contact your instructor and a school counselor (located in the Student Services Office, 1st floor). Instructors should be notified during the first week of classes. You may refer to the Nondiscrimination Policy on the Enrollment Agreement Form for the complete AIP policy.

Attendance Policy:

The student who accumulates five (5) hours of absenteeism in a class during an academic quarter may be placed on Academic Probation. A student who accumulates ten (10) hours of absenteeism in a course will receive an F for that course.

Student Conduct Policy:

The Art Institute of Pittsburgh expects its students and employees to conduct themselves in a professional manner at all times. In addition, the Art Institute has a strict policy, which disallows sexual harassment of either students or employees. All students or employees are encouraged to report any professional or sexual misconduct to the Vice President/Director of Student Services.

Grading Scale:

| | |
|----|-----------------|
| A | 100 to 92 |
| A- | 91.9 to 90 |
| B+ | 89.9 to 88 |
| B | 87.9 to 82 |
| B- | 81.9 to 80 |
| C+ | 79.9 to 78 |
| C | 77.9 to 72 |
| C- | 71.9 to 70 |
| D+ | 69.9 to 67 |
| D | 66.9 to 60 |
| F | 59.9 and below. |

Method of Assessment:

| | |
|---------------|-----|
| Assignments | 20% |
| Quizzes * | 30% |
| Final Project | 40% |
| Attendance | 10% |

* You must pass every quiz to pass the course. If you fail a quiz, you are required to take a final exam. Failure to pass the final exam will result in a failure for the course.

If you pass every quiz, you do not have to take the final exam. The lowest quiz score will be dropped and will not count towards the "failed" count.

Textbook (Required):

Learning Web Design, 3rd Edition

Jennifer Niederst Robbins
O'Reilly, 2007
ISBN 10: 0-596-52752-7
ISBN 13: 978-0596527525

Materials and Supplies:

Computer lab & Internet access
Text editor
Portable storage media (keychain memory device, portable hard drive, CD-RW, DVD-RW, or similar)
Pencil/pen
Notebook/sketch pad/folder/binder

Classroom Policies

Attendance and Participation

The AIP attendance policy (5 hours missed = probation; 10 hours missed = suspension) will be strictly enforced. Exceptions to this policy are granted at the discretion of the instructor and require written documentation.

If you know you will be absent, email me at wjmoner@aii.edu and check my web site, <http://aip.williamjmoner.com>, for course notes and assignments.

Regardless of the reason for your absence, you are responsible for obtaining lecture notes and submitting your course work on-time.

Food and Drink

AIP policy states that food and drink are not permitted in the computer labs. Please do not bring food into the labs, and drinks should have a secure lid to prevent spillage.

Late Work Policy

All assignments are due at the beginning of the class period unless otherwise specified. An assignment is **late** if it is not submitted during the designated collection time.

If your project or assignment is late, it will be penalized as follows:

Individual projects: Late work submitted on the calendar date of the assignment is worth 90% of the possible grade. If your assignment is submitted after 11:59 PM on the assignment due date, maximum credit will drop to 75% of the possible grade. Late work can be submitted at 75% credit until the beginning of the next class period.

Late work will not be accepted for credit after one week.

Group projects and final projects: Late work will **not** be accepted for credit under any circumstance.

You may email me late assignments (digital files only) or make arrangements to deliver the assignments to me (print/CD/other media).

Plagiarism

Plagiarism of any kind will result in an automatic failure for the class and is subject to disciplinary action at the discretion of the instructor.

Plagiarism is a serious crime. According to the Merriam-Webster Online Dictionary, to plagiarize means:

1. to steal and pass off (the ideas or words of another) as one's own.
2. to use (another's production) without crediting the source.
3. to commit literary theft.
4. to present as new and original an idea or product derived from an existing source.

The burden of proof is on the student, not the instructor, and students may be asked to prove the originality of any work submitted. The AIP Student Handbook includes specific consequences regarding violation of the Student Conduct Policy and may include:

1. assignment failure
2. class failure
3. expulsion

Quizzes and Exams

Any communication, verbal or non-verbal, during a quiz or exam will result in a 0% on the quiz or exam for **both** parties. Any instance of cheating is subject to further disciplinary action and may result in failure for the course.

Tutoring and Resources

The Art Institute of Pittsburgh Library contains numerous resources dedicated to student success. If you require peer tutoring at any point throughout the term, the library (located on the 3rd Floor) will be able to assist you. More details about the AIP library can be located at <http://www.aiplib.aiiresources.com/>

Use of Technology

Use of any and all technology in this classroom is reserved for class-related use only.

- Mobile phones must be placed in silent or vibrate mode during class. If you need to place/receive a phone call, kindly excuse yourself from the room prior to conducting the call.
- Use of portable audio, video, or gaming devices during class is prohibited.
- Working on other projects, listening to music, web surfing, email, Instant Messaging, gaming, or any other use of classroom technology not related to the coursework is prohibited.
- All students are expected to conduct themselves in a professional manner. Please be respectful of the computer equipment, your classmates, your instructor, the physical facilities, and other technology within the classroom.
- If your work requires audio, please use headphones and maintain a low volume that does not disturb other students.

FND132 Weekly Course Outline

| Wk. | Topic | Reading Due | Homework/ Quiz Due |
|-----|---|--|--|
| 1 | Introduction to Course Course Expectations & Syllabus Lecture: Internet History and Technologies Lab: The Web Browser and Features | - | - |
| 2 | Lecture: Introduction to HTML (Structure and Markup) Lab: Optimizing the Search (Meta) | Preface, Ch. 1 – 3 | Quiz 1 + Previous Lab |
| 3 | Lecture: HTML Document Structure Lab: Linking Pages Together | Ch. 4 - 6 (Review previous chapters 1 – 3 to make sure you know this stuff!) | Quiz 2 + Previous Lab |
| 4 | Lecture: Images and Tables Lab: More fun with pages | Ch. 7 – 8, 18 - 19 | Quiz 3 + HTML Homework |
| 5 | Lecture: HTML, XHTML, and CSS Lab: What frames are, and why we don't use them | Ch. 10 (Skip Ch. 9) | Quiz 4 + HTML Homework |
| 6 | Lecture: Planning your site & design considerations Lab: CSS Style Introduction | Ch. 11, 20 | Quiz 5 + HTML Homework |
| 7 | Lecture: Pretty colors, pretty fonts (CSS) Lab: Make things pretty! | Ch. 12 – 13 (to page 253) | Quiz 6 + Site Proposal |
| 8 | Lecture: FTP & Embedded Media Lab: Adding media and working with AIP's web server | Ch. 21 | First Page of Site Due |
| 9 | Workshop: Prepare your final web sites & upload your sites | | Final Exam (if required) + Site Draft |
| 10 | Final Site Presentations | - | Final Site, uploaded to AIP server, by beginning of class |

Grading Rubric - General

| Assessment of Grade | | | | | |
|-------------------------------------|--|--|---|--|---|
| | A | B | C | D | F |
| Software Usage | Strong understanding of software applications with superb usage of tools | Good understanding of software with appropriate usage of tools | Fair understanding of software; usage and skill needs improvement | Poor usage of software and tools | No usage of software appropriate to coursework |
| Concept Development | Strong concept development with creative interpretation of assignment | Good development of concept with appropriate execution of assignment | Fair development of concept; concept lacks effectiveness | Poor concept development | Lack of concept |
| Design Composition | Strong composition skills with attention to detail | Good composition skills with consistent results | Fair composition; needs improvement | Poor composition skills | Lack of attention to composition and design |
| Technique | Strong usage of materials and media | Good usage of materials and media | Limited usage of materials and media | Poor usage of materials and media | No demonstrated usage of materials and media |
| Applied Design Principles | Superb usage of principles and theories with creative interpretation | Demonstrates good usage of design principles and theories | Fair usage of design principles and theories; needs improvement | Poor understanding of design principles and theories | No demonstrated application of design theories and principles |
| Presentation | Strong, professional presentation of materials and designs | Competent presentation of materials | Limited presentation skill; room for improvement | Poor, ineffective presentation skill | Presentation incomplete or lack of presentation |
| Functionality/ Effectiveness | Exceptional execution with strong technical and/or creative detail | Good execution with competent technical and/or creative detail | Inconsistent functionality; limited effectiveness | Poor functionality; poor effectiveness | Ineffective and/or non-functional |
| Accuracy/ Specifications | Precisely follows criteria | Mostly follows criteria | Somewhat follows criteria | Poorly follows criteria with disregard to specifications | Does not follow specifications; inaccurate |
| Spelling/ Grammar | Perfect spelling and grammar | Minor spelling or grammatical errors | Many spelling and grammatical errors | Prevalent spelling and grammatical errors | Major spelling and grammar problems that impede communication |
| Timeliness | On time | Late (within calendar day) | Late (after one day) | n/a | n/a |
| Class Participation | Active participation and attentiveness | Attentiveness and frequent participation | Attentiveness and occasional participation | Lack of participation; distracted, inattentive | Absent, asleep, or otherwise non-participatory |

Project

Final Web Site

The final project requirements are listed below. Upon completion of the final project, you will simply submit your **page URL** for the first page of the site.

Requirements:

1. Create a website consisting of four (4) to six (6) pages that link to each other. All pages must link to one another seamlessly. In other words, I should be able to get to every page from every page.
2. Use only XHTML code as taught in this class.
3. Be sure that the code for all pages is well-formed and that each page has a title that reflects the page contents.
4. The navigation between each page should be intuitive and consistent.
5. Include as many examples of the code that you have learned as reasonable (images, horizontal rules, tables, frames, formatted text, lists, etc.)
6. **If you are using artwork, text or other material that is owned by someone else, obtain proof of permission to use it from the copyright owner.**
7. Pages should have a sense of continuity in the design and content.
8. The first/home/front page of this site must be saved as **index.html**
9. Pages should be well designed, have well conceived content and show that you have used a spell checker and your own eyes.
10. You are **not permitted** to use a WYSIWYG editor or any editor other than a text editor (e.g. TextEdit) to assemble your final web site.

All html pages, images, etc must be uploaded to the OLS/AIP web server by the start of class. Do not change your site after this time. You will be able to change your site after you have received your final grades for the quarter.

Grading Criteria:

| Category | A | B | C | D | F |
|---------------------------------|--|--|---|---|---|
| HTML Code | Superior grasp of HTML code with no syntax errors | Good usage of HTML code with one or two non-destructive errors | Sufficient use of HTML code with numerous errors; portions of the code do not operate optimally | Poor code usage with major syntax errors and poorly formed elements | HTML code is not properly written and structured, and major elements are not working properly |
| Design Composition | Strong composition skills with attention to detail | Good composition skills with consistent results | Fair composition; needs improvement | Poor composition skills | Lack of attention to composition and design |
| Accuracy/ Specifications | Precisely follows criteria | Mostly follows criteria | Somewhat follows criteria | Poorly follows criteria with disregard to specifications | Does not follow specifications; inaccurate |

| | | | | | |
|-------------------------------------|--|--|--|--|---|
| Navigation | Tight, seamless navigation in a consistent and logical manner | Good usage of navigation with some need for thought | Fair navigation; navigation is available and operable, but is not intuitive or easily followed | Poor navigation; areas of the site cannot be accessed through navigation | Navigation absent from site |
| Creativity | Superb creative interpretation of assignment | Demonstrates good creativity | Fair creativity and adequate expression | Poor creativity | No creative interpretation of assignment |
| Functionality/ Effectiveness | Exceptional execution with strong technical and/or creative detail | Good execution with competent technical and/or creative detail | Inconsistent functionality; limited effectiveness | Poor functionality; poor effectiveness | Ineffective and/or non-functional |
| Presentation | Strong, professional presentation of materials and designs | Competent presentation of materials | Limited presentation skill; room for improvement | Poor, ineffective presentation skill | Presentation incomplete or lack of presentation |
| Spelling and Grammar | Perfect spelling and grammar | Minor spelling or grammatical errors | Many spelling and grammatical errors | Prevalent spelling and grammatical errors | Major spelling and grammar problems that impede communication |
| Timeliness | On time | Late (within calendar day) | n/a | n/a | n/a |