INF 201: Introduction to Web Technologies (3 credits)
TTH/10:15AM - 11:35 AM/ SL0G02
Spring 2013, Class 10177

Instructor: Loni Hagen
Office location: LI-85
Office hours: Thursday 11:30 AM – 1:30 PM
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Course Information

Course description:
A technique-oriented introduction to client-based Web design and development technologies, including HTML/XHTML, CSS, JavaScript, digital imaging, file formats, etc.; also the elements of UNIX and networks necessary to understand and implement basic information management and transfer.
Prerequisite(s): I INF 100X; not open to students who are taking or have completed I IST 361.
http://www.albany.edu/undergraduate_bulletin/i_inf.html

Course Goals
By the end of the semester, you should be able to
- understand and implement basic information management and transfer techniques
- use current client-based Web tools to develop web pages
- understand basic networking concepts
- validate web pages to current standards
- use the University at Albany UNIX server to host a website
- understand and use basic design principles

Readings (optional)
Beginning HTML, XHTML, CSS, and JavaScript (Wrox Programmer to Programmer) [Paperback]
An indispensable introductory guide to creating web pages using the most up-to-date standards
Author: Jon Duckett

HTML and CSS: Design and Build Websites [Paperback]
Author: Jon Duckett

Readings will be assigned throughout the semester. Information about the readings will be available on Blackboard under the course content section. All students are expected to complete the assigned readings prior to class so that they can properly participate in discussions. In order to assure all of you have read the readings, occasional quiz will be given prior to lectures.
References
http://www.w3schools.com/html/default.asp
http://www.w3schools.com/js/default.asp

Additional Materials
A USB Flash Drive (Thumb Drive)
FileZilla Client (available at: http://filezilla-project.org/)
A text editor program (i.e. Notepad++)
Other technologies can be accessed through the University’s Virtual Commons

Course description

The classes on Tuesday and Thursday are lectures, in-class exercises and labs. The lab activities are graded. There are two review sessions in the middle and by end of the semester. You will also need to finish a project: constructing a website of your own.

Course Policies

Attendance
Attendance is mandatory and students are expected to arrive on time. Your in-class performance is key to your success in this course. Attendance, itself, is not graded. Instead, graded in-class activities and assignments constitute an important part of the course grade. It is not possible to maintain a passing average without consistent attendance. Because of the nature of the assignments, no make-up opportunities will be available.

Tardiness
Missing an assignment or activity that happened before a student arrives or after a student leaves also earns a zero. No make-up opportunities will be available.

If you know that it will be difficult for you to consistently get to class on time and stay for the entire period, you should take this course at a time that better fits your schedule. Being late frequently will guarantee a low grade for the course.

Make-up Policy
There are generally no make-up opportunities for missed assignments except in extenuating circumstances. Instead of asking to make up missed work, please see the course’s safety valves described below.

Since there will be occasions in your life when missing a class meeting is simply unavoidable, this course has a no-fault safety valve.

Safety valve 1
You may miss two classes and it’s associated in-class assignment grade(s). So, if you may miss class for any reason, it will be possible to drop the zero you would automatically receive for missing the assignment. Be careful not to waste your drop on frivolous things early in the semester, since you may need it if you catch a cold or need to leave town for a day later in the semester.
Plan carefully for classes that you know you will need to miss. Work, religious practice, sports team travel, military duty, club activities, fraternity/sorority obligations, family responsibilities, assignments for other courses, and even brief illnesses, etc—these are your responsibility to manage by using your safety valve. If you need to be out of class for any of these, make sure you have conserved your droppable grade to cover the class you need to miss.

**Safety valve 2**
If you become seriously ill during the semester, or become derailed by unforeseeable life problems, and have to miss so many assignments that it will ruin your grade, schedule a meeting with me in order to make arrangements for you to drop the course to save your grade point average. Don’t wait until it’s too late to see me when you get in trouble.

**Late Assignments**
Completed homework is due on the due date at the specified time, in class or submitted through Blackboard, depending on the assignment. Late assignments will be accepted, but at the cost of a full letter grade for missing the first, in-class deadline, and an additional letter grade for each additional 24 hours late up to three days late, at which point the grade will automatically be assigned 0. In-class assignments may be done only on the days they are scheduled.

**Extra Credit**
There may be extra credit work. All students will be expected to complete, and be graded on, the same set of assignments. You can also earn extra credit by participating in some CCI events. All extra-credit opportunities are capped at no more than 5 points on your overall grade.

**Withdrawal from the course**
The drop date for the Spring 2013 semester is **April 8** for undergraduate students. That is the last date you can drop a course and receive a 'W'. It is your responsibility to take action by this date if you wish to drop the course. In particular, grades of "incomplete" will not be awarded to students because they missed the drop deadline.

**Cell phones & laptops**
Please make sure your electronic devices are turned off before entering the classroom unless we are doing a class exercise where they are helpful. Use of phones, tablets, computers, etc. for non-class purposes during class will count against you in your class participation grade. While you may be using computers in class, texting, using Facebook, etc., are not appropriate uses of class time and your instructor-evaluated grade will suffer for it.

**Incompletes**
As per the Undergraduate Bulletin, the grade of Incomplete (I) will be given "only when the student has nearly completed the course requirements but because of circumstances beyond the student's control the work is not completed." A student granted an incomplete will make an agreement specifying what material must be made up, and a date for its completion. The incomplete will be converted to a normal grade on the agreed upon completion date based upon whatever material is submitted by that time.

**Important:** Incompletes will not be given to students who have not fulfilled their class work obligations, and who, at the end of the semester, are looking to avoid failing the course. This is asking for special treatment.
Academic Integrity

It is every student’s responsibility to become familiar with the standards of academic integrity at the University. Claims of ignorance, of unintentional error, or of academic or personal pressures are not sufficient reasons for violations of academic integrity. See http://www.albany.edu/undergraduate_bulletin/regulations.html

Course work and examinations are considered individual exercises. Copying the work of others is a violation of university rules on academic integrity. Individual course work is also key to your being prepared and performing well on tests and exams. Forming study groups and discussing assignments and techniques in general terms is encouraged, but the final work must be your own work. For example, two or more people may not create an assignment together and submit it for credit. If you have specific questions about this or any other policy, please ask.

The following is a list of the types of behaviors that are defined as examples of academic dishonesty and are therefore unacceptable. Attempts to commit such acts also fall under the term academic dishonesty and are subject to penalty. No set of guidelines can, of course, define all possible types or degrees of academic dishonesty; thus, the following descriptions should be understood as examples of infractions rather than an exhaustive list.

- Plagiarism
- Allowing other students to see or copy your assignments or exams
- Examining or copying another student’s assignments or exams
- Lying to the professor about issues of academic integrity
- Submitting the same work for multiple assignments/classes without prior consent from the instructor(s)
- Getting answers or help from people, or other sources (e.g. research papers, web sites) without acknowledging them.
- Forgery
- Sabotage
- Unauthorized Collaboration (just check first!)
- Falsification
- Bribery
- Theft, Damage, or Misuse of Library or Computer Resources

Any incident of academic dishonesty in this course, no matter how "minor" will result in

1. No credit for the affected assignment.
2. A written report will be sent to the appropriate University authorities (e.g. the Dean of Undergraduate Studies)
3. One of -
   o A final mark reduction by at least one-half letter grade (e.g. B → B-, C- → D+),
   o A Failing mark (E) in the course, and referral of the matter to the University Judicial System for disposition.

Policies from Undergraduate Bulletin: http://www.albany.edu/undergraduate_bulletin/regulations.html
Responsible Use of Information Technology
Students are required to read the University at Albany Policy for the Responsible Use of Information Technology available at the ITS Web Site:
http://www.albany.edu/its/policies_responsible_use_of_IT.htm

Time Management
For every credit hour that a course meets, students should expect to work 3 additional hours outside of class every week (3 x 3= 9). For a three-credit course you should expect to work 9 hours outside of class every week. Manage your time effectively to complete readings, assignments, and projects.

Available Support Services

Reasonable accommodation
Reasonable accommodation will be provided for students with documented physical, sensory, cognitive, learning and psychiatric disorders. If you believe you have a disability requiring accommodation in this class, please notify the Director of Disability Resource Center (Campus Center 137, 442-5490). That office will provide the course instructor with verification of your disability, and will recommend appropriate accommodations. In general, it is the student's responsibility to contact the instructor at least one week before the relevant assignment to make arrangements.

CCI Student Center
The College of Computing and Information Student Center (LI-84) offers tutoring, career development, social events and academic advising. Please stop by or email at ccistudentcenter@gmail.com. Visit the CCI Facebook page for more details and upcoming events:
http://www.facebook.com/CollegeofComputingandInformation#

CCI Women in Technology
CCIWIT is dedicated to supporting, empowering, and building community among women within CCI and encouraging girls and women to pursue undergraduate and graduate studies in fields related to computer science, informatics, and information science.
Course Outline and Schedule
The following schedule of lecture topics and reading assignments is preliminary and may be changed as
the semester progresses. The final schedule and specific homework and lab assignments and materials
will be provided in Blackboard. Students are expected to have read the listed material before it is
covered in class.

<table>
<thead>
<tr>
<th>Week</th>
<th>Topic</th>
<th>Lab Point</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>Jan 24</td>
<td>Introduction, Syllabus, Q&amp;A about the course</td>
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<tr>
<td>Jan 29/31</td>
<td>HTML: Text formatting, Hyperlinks</td>
<td>4</td>
<td></td>
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<tr>
<td></td>
<td>HTML: Image, Style</td>
<td></td>
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<tr>
<td>Feb 5/7</td>
<td>HTML: Style continue</td>
<td>4</td>
<td></td>
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<tr>
<td></td>
<td>HTML: Lists, Tables</td>
<td></td>
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<tr>
<td>Feb 12/14</td>
<td>HTML: Forms</td>
<td>4</td>
<td></td>
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<tr>
<td>Feb 19/21</td>
<td>HTML: div, navigation bar</td>
<td></td>
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<tr>
<td>Feb 26/28</td>
<td>HTML: CSS Box, Image Editing</td>
<td>4</td>
<td></td>
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<tr>
<td>Mar 5/7</td>
<td>HTML: position, multimedia</td>
<td>4</td>
<td>Final Project proposal assigned</td>
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<tr>
<td>Mar 12/14</td>
<td>HTML: Review</td>
<td>4</td>
<td>Review on Tuesday</td>
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<td>JS: JavaScript Introduction</td>
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<tr>
<td>Mar 26/28</td>
<td>JS: Comparison and Logic Operator, Conditional Statement</td>
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<td></td>
<td>JS: Controlling Flow: loopArray object</td>
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<tr>
<td>April 2/4</td>
<td>JS: Function and popup box</td>
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<td></td>
<td>JS: Events</td>
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<td>April 9/11</td>
<td>JS: Browser Object</td>
<td>2</td>
<td>Final Project proposal due by 11th 10 AM</td>
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<td></td>
<td>Working on your lab and final project</td>
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<td>April 16/18</td>
<td>JS: Browser Object, try…catch</td>
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<td>JS: Document Object Model (DOM)</td>
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<td>April 23/25</td>
<td>JS: third party library</td>
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<tr>
<td>April 30</td>
<td>JS Review</td>
<td>2</td>
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<tr>
<td>May 2</td>
<td>Final Project Presentation 1</td>
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<td>Final Project due on May 2 before the class starts</td>
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<tr>
<td>May 7</td>
<td>Final Project Presentation 2</td>
<td></td>
<td>The last day of class</td>
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<tr>
<td>May 14</td>
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<td></td>
<td>Final Project due by midnight</td>
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Grading and course requirements

**Lab (40%):** there will be one lab every week and each accounts for 2 to 4 points, depending on the content. The labs are due by Sunday and you must submit them via BLS. The grade of the lab is affected by your attendance of that week. If you miss a class in a week, you will receive half the point on the lab. Late submission is accepted in the next 3 days of the due date but you will get half the point. You can drop 4 points of labs (depending on the point of the lab) that you get low grade.

**Review and class presentation (25%):** there will be two review sessions. Each review will be short quizzes (10%) and a short presentation (15%) on one topic we will be covered in the class.

**Final project (35%):** This project is due by May 2 at 10:00 AM. and consists of the design and construction of a website and presenting it to the class (proposal 5%, presentation 10%, and website 20%). The detailed instruction and grading criteria will be provided at the beginning of March.

You are encouraged to work in group of 2 on the exercises, labs, and the final projects. But all your submissions should be individually.

**Grading**

93 – 100% A  
90 – 92% A-  
87 – 89% B+  
83 – 86% B  
80 – 82% B-  
77 – 79% C+  
73 – 76% C  
70 – 72% C-  
67 – 69% D+  
63 – 66% D  
60 – 62% D-  
0 – 59% E