INF201 Introduction to Web Technologies  
Spring 2012

Tue and Thursday 8:45AM – 10:05 AM / SL G03

Instructor:  
Ning Sa (E-mail: nsa@albany.edu)

Office Hours:  
Tuesdays: 12:30 – 2:30 (CCI LI-86), and by appointment

Teaching Assistant:  
Vasiliy Kovganov (E-mail: vkovganov@albany.edu)

Office Hours:  
??: ?? – ?? (CCI Student Center: LI-84), and by appointment

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 or I IST 100X, and permission of instructor; not open to students who are taking or have completed I IST 361 (Web Development).

Text Book:  
There is no text book for this class.

Assessment:  

- **Attendance (10%)**: Given that the course is *lab driven*, attendance is required and will be randomly taken through the whole semester. If you miss more than 1/3 of the class, you will automatically receive the failing grade for the course.

- **Labs (40%)**: While lecture classes will typically introduce definitions and the purpose of a particular concept, in-class labs allow time to apply techniques and gain experience using the corresponding software. There will be 22 labs and each will account for 2 points (you may choose to drop 2 of the labs, 2 x 20 = 40 points), and you must submit them via BLS by midnight on the same day that they are released.  
  *Lab grading* [2: Submission demonstrates understanding of most of the core concepts (some minor mistakes might be present), 1: Submission shows a lack of understanding of some of the core concepts, but overall a reasonable attempt, 0 – Poor: Submission lacks a basic understanding of most of the core concepts of the lab].
Final Project (50%): This project is due near the end of the semester and consists of the design and construction of a website and presenting it to the class (proposal 10%, progress report 5%, presentation 10%, and website 25%). (the detailed instruction and grading criteria will be provided at the beginning of March)

Late labs and final project submissions will be downgraded unless in special cases.

Final 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

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.

Academic Honesty: You are expected to produce your own work. While you may consult your fellow students, everything that you submit must be your own. Where appropriate, please cite all references. Please refer to the Undergraduate Academic Regulations of the Undergraduate Bulletin.

Responsible Computing: Students are required to read the University at Albany Policy for the Responsible Use of Information Technology available at the Academic Computing Web Site: [http://www.albany.edu/policies/computer_usage/](http://www.albany.edu/policies/computer_usage/) Students are also required to read: “Appendix I: Policies Governing Student Use of Computing and Networking Facilities at the University at Albany.”

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.
# INF 201 Class Schedule
## Fall 2011

<table>
<thead>
<tr>
<th>Class</th>
<th>Topic</th>
<th>Labs/Assignments</th>
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<tbody>
<tr>
<td>Th - 1/19</td>
<td>Course introduction</td>
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<tr>
<td>Tu - 1/24</td>
<td>Creating your first webpage</td>
<td>Lab1</td>
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<tr>
<td>Th - 1/26</td>
<td>HTML: Text formatting, Hyperlinks</td>
<td>Lab2</td>
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<tr>
<td>Tu - 1/31</td>
<td>HTML: Image, Style</td>
<td>Lab3</td>
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<tr>
<td>Th - 2/2</td>
<td>HTML: Style continue</td>
<td>Lab4</td>
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<tr>
<td>Tu - 2/7</td>
<td>HTML: Lists, Tables</td>
<td>Lab5</td>
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<tr>
<td>Th - 2/9</td>
<td>HTML: Frames, Forms</td>
<td>Lab6</td>
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<tr>
<td>Tu - 2/14</td>
<td>HTML: CSS continue</td>
<td>Lab7</td>
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<tr>
<td>Th - 2/16</td>
<td>HTML: Web design tools, Image editing, iFrames</td>
<td>Lab8</td>
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<tr>
<td>Tu – 2/21</td>
<td>HTML: Server, Client, Addresses</td>
<td>Lab9</td>
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<td>Th - 2/23</td>
<td>XML</td>
<td>Lab10</td>
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<tr>
<td>Tu - 2/28</td>
<td>HTML: Review</td>
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<td><strong>Th - 3/1</strong></td>
<td>JS: Introduction</td>
<td>Lab11</td>
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<td><strong>Final project proposal assigned</strong></td>
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<tr>
<td>Tu - 3/6</td>
<td>JS: Statements, Comments, Variables</td>
<td>Lab12</td>
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<td>Th - 3/8</td>
<td>JS: Creating Simple Scripts</td>
<td>Lab13</td>
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<tr>
<td>Tu - 3/20</td>
<td>JS: Basic concepts &amp; script components</td>
<td>Lab14</td>
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<td><strong>Th - 3/22</strong></td>
<td>JS: Using Variables and Arrays</td>
<td>Lab15</td>
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<td><strong>Final project proposal due by midnight</strong></td>
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<tr>
<td>Tu - 3/27</td>
<td>JS: Using Functions and Objects</td>
<td>Lab16</td>
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<tr>
<td>Th - 3/29</td>
<td>JS: Working with Objects</td>
<td>Lab17</td>
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Tu - 4/3  | JS: Document Object Model (DOM)  | Lab18
---|---|---
Th - 4/5  | JS: Controlling Flow with Conditions  | Lab19
Tu – 4/10  | Working on your final project  | 
Th – 4/12  | JS: Controlling Flow with Loops  | Lab20
Tu - 4/17  | JS: Using Third-Party Libraries  | Lab21

Progress report due by midnight

Th - 4/19  | JS: Getting Data with Forms  | Lab22
Tu - 4/24  | JS: Review  | 
Th - 4/26  |  | 
Tu - 5/1  | Final Project Q&A  | 
Th - 5/3  | Final Project Presentation  | 
Tu - 5/8  | Final Project Presentation  | 
Tu - 5/15  | Final project due by midnight  | 

Note: this is a working outline, and may be revised to meet the needs of class participants. Regularly, preferably as often as possible, check the course BLS for any changes.

References: