

# Exploiting the Information World ITEC-2110

Fall 2004

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Course: ITEC-2110  
Lectures: Tuesday, Friday 12-1:50 RCKTTS 203  
Labs: Wed 2-3:50  
    Section 1: Lally 102  
    Section 2: Lally 104  
Home Page: <http://www.cs.rpi.edu/~hollingd/eiw/>  
Email: [eiw@cs.rpi.edu](mailto:eiw@cs.rpi.edu)

Instructor: Dave Hollinger  
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Office Hours: Tue, Fri 10-11:30AM (or by appt.)

Texts: All texts are suggested only (not required!):

HTML and XHTML the Definitive Guide an O'Reilly Book  
Javascript: The definitive Guide an O'Reilly Book  
Perl and CGI for the WWW: Visual Quickstart 2<sup>nd</sup> edition,  
by Elizabeth Castro (Peachpit press)  
Active Server Pages for Dummies, by Hatfield.

Grading: Labs/Tests: 40%  
Homework: 40%  
Final Project: 20%

**Course Home Page:** The course home page will include homework assignments, labs and pre-labs, lecture notes, references, handouts and announcements. Hardcopy of any class handouts will be provided only on request.

**Cheating will not be tolerated.** Any duplicate or near duplicate submissions will result in a minimum of a 2 letter grade drop for the final course grade for all students involved and may result in a failure for the entire course. For programming projects, you may *discuss* homework with other students, but sharing of code in any form is not acceptable (this means that looking at another student's code or showing your code to another student is **not** permitted). If you need help with a project - send mail to [eiw@cs.rpi.edu](mailto:eiw@cs.rpi.edu). Please contact the instructor if there is any part of this policy you do not understand.

**Homework and Test Grading:** Adjustments to homework and test grades will take place only during the week after grades have been returned to students. This means that you must bring any problems to our attention within one week of receiving a grade.

**Term Projects:** Term projects will be done in groups of 3 to 5 students. Each project will involve the construction of an e-commerce web site. See the course web site for more information about term projects.

**Course Schedule:** For each of the 4 *units* there will be 2 labs and a test (tests will be given in lab sections). Each unit will also include a homework assignment (generally a programming project). See the course home page for information about Lab and Test policies and the details of the grades for each unit.

| <b>Week of</b> | <b>Unit</b> | <b>Lecture Topics</b>   | <b>Lab (Wednesday)</b> |
|----------------|-------------|---|------------------------|
| August 30      | 1           | The Internet, The WWW<br>HTTP, HTML                               | No Lab                 |
| September 6    | 1           | HTML/CSS  | HTML Basics            |
| 13             | 1           | XML, XHTML  | Forms/Frames/CSS       |
|                | 2           | JavaScript Programming  |                        |
| 20             | 2           | JavaScript Programming  | Unit 1 Test            |
| 27             | 2           | JavaScript Programming  | Javascript Programming |
| October 4      | 3           | Server side programming, CGI,<br>Sessions, Hidden Fields, Cookies | Javascript Programming |
|                | 3           | Perl the Language   |                        |
| 11             | 3           | Perl the Language   | Unit 2 Test            |
| 18             | 3           | Perl and Databases  | CGI/Session, Perl      |
|                | 4           | ASP (VBScript) Programming  |                        |
| 25             | 4           | ASP Programming   | Perl Programming Lab   |
| November 1     | 4           | ASP and Databases   | Unit 3 Test            |
| 8              | 4           | More Database   | ASP Lab                |
| 15             |             | Misc. Topics  | ASP/Database Lab       |
| 22             |             | Term Project Presentations  | No Lab(Thanksgiving)   |
| 29             |             | Term Project Presentations  | Unit 4 Test            |
| December 6     |             | Term Project Presentations  |                        |