Catalog

Description: This course teaches students how to design and develop websites at the introductory to intermediate level. This course is project oriented. Students are required to finish several Internet-based projects using the tools introduced in class.

Instructor: Tami Sorgente, Instructor of Computer Science and Engineering

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Office: SE 356 (Boca Campus) bldg 43
Phone: (561) 297-2674

Class Time and location: M/W/F 12:00pm – 12:50 pm GS 208 CRN 17017

Office Hours: M/W 8:15 am – 9:15 am
T 9:30 am – 2:00 pm
F 9:30 am – 11:30 am and 1:00pm – 2:30 pm


W3C online tutorials: http://www.w3.org/
XHTML 1.0, CSS 2.0, and validation services

Find relevant URL’s by netsurfing

Objectives:
1. To learn the basic concepts of the Internet
2. To learn how to search, collect, and organize information obtained from the Internet
3. To be able to generate standard-conforming web pages in XHTML and styles and style sheets to control the presentation of the web content
4. To be able to add dynamic features to web pages
5. To learn how to do Web programming at the introductory to intermediate level
6. To learn how to design Internet-based, client/server systems

Prerequisites:
COT3002 and COT3002L or equivalent

Administration:

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<th>Component</th>
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<tbody>
<tr>
<td>Midterm Exam</td>
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<td>Final Exam</td>
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<td>Projects/Assignments</td>
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Course information is available under Blackboard and access is restricted to enrolled students
http://blackboard.fau.edu
Assignment Submissions and policies on make-up exams and late work:
Reading assignments will be given on a weekly basis. Exercises may be given at the end of each topic. There will be several programming projects, a term project and two exams. Details about exams, assignments and projects will be discussed in class and available on Blackboard.

Assignments must be electronically submitted before the specified time on the due dates to receive full credit. Assignments submitted electronically after that time will have late penalties applied as follows:

1 second late – 24 hours late 10 point penalty
24 hours – final deadline 10 point penalty plus 2 points per additional day.

All exams must be taken on the date and time specified, any accommodations for make up exams and/or assignments must be made with and approved by the instructor, Tami Sorgente, prior to the exam or assignment due date.

Cheating:
Cheating will not be tolerated in this class. All work in this course must be INDIVIDUAL effort, unless otherwise specified. Please take the time to read the documentation. You are responsible for the information outlined in it. Please see the instructor, any teaching assistant, or Engineering Student Services tutoring for assistance.

Topics:

1. Introduction
2. WWW
3. XHTML – Extensible Hypertext Markup Language
4. CSS – Cascading Style Sheets
5. Javascript Language
6. Dynamic HTML
7. PHP, mySQL (Server side)
8. Other Topics

Accommodations for students with disabilities:
In compliance with the Americans with Disabilities Act (ADA), students who require special accommodations due to a disability to properly execute coursework must register with the Office for Students with Disabilities (OSD) located in Boca Raton - SU 133 (561-297-3880), in Davie - MOD I (954-236-1222), in Jupiter - SR 117 (561-799-8585), or at the Treasure Coast - CO 128 (772-873-3305), and follow all OSD procedures.

FAU Honor Code:
Students at Florida Atlantic University are expected to maintain the highest ethical standards. Academic dishonesty, including cheating and plagiarism, is considered a serious breach of these ethical standards, because it interferes with the University mission to provide a high quality education in which no student enjoys an unfair advantage over any other. Academic dishonesty is also destructive of the University community, which is grounded in a system of mutual trust and places high value on personal integrity and individual responsibility. Harsh penalties are associated with academic dishonesty. For more information, see http://www.fau.edu/regulations/chapter4/4.001_Honor_Code.pdf.