Math 279: Data Communication and the Internet

Prof. Ping Ji, Fall 2008

Department of Mathematics and Computer Science
John Jay College of Criminal Justice,
City University of New York

Meeting Time: Tuesday, 12:30 – 11:45pm
Meeting Place: TBA

Instructor Information: Prof. Ping Ji
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Office Hour: Thursday 3 – 4pm, or by appointment.

Course Materials:

   Text Book: *New Perspectives on HTML and XHTML, 5th Edition, Comprehensive* Course
   Technology, 2009. (ISBN: 978-1-4239-2546-0)
   Class Website: http://web.jjay.cuny.edu/~pji/math279.html

Course Description:

         This course is designed for students who are interested in exploring new technologies and
applications in the Internet and designing network Webpages. The course is an elective course for
students from entire campus, and no prior computer experience is needed. However, students DO need to
fulfill certain required credits to be eligible of taking this course. This course will introduce the most
important topics of HTML and XHTML and how to develop a Webpage and a Website. Topics include
basic HTML and XHTML tags, cascading style sheets, Web tables and forms, using frames and working
with multimedia contents. Javascript fundamentals will also be introduced.

         Students should have easy access to a computer with any text editor (e.g. Notepad, Emacs) and
Internet connection. One of the following software is needed: Windows—Microsoft Internet
Explorer 7.0 or higher, Firefox 2.0 or higher, Opera 9.25 or higher, Safari 3.0 or higher;
Macintosh—Safari 3.0 or higher. Lecture notes will be posted online at the class website
(http://web.jjay.cuny.edu/~pji/math279.html), and are the most important materials of this course.

Course Workload:
Small exercises will be assigned every week along with the lecture notes. Three programming projects
will be assigned and graded. Two in-class exams and one final project or final exam will be given through
the semester. The course workload and grading scales are specified in the following table. Not finishing
ANY of the course work will result in an INC or an F.

Projects	3 times	45%
In-Class exams	3	30%
Final Project or Final Exam	1	25%

Comments: pji@jjay.cuny.edu