

# IT614: HTML5 CSS3 and JQuery

## Course Description

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Introduction to three topics important in Web development for modern browsers: HTML5, CSS3 and JQuery. The Web technology is changing rapidly. HTML5, CSS3 and JavaScript are providing Web developers new tools to create amazing Web sites. No assumption is made on the background of students. All topics are started from the beginning. Practical examples are the focus. This is a project-based course, in which students will do hands-on projects every week. The combination of HTML5, CSS3 and JavaScript allows students to create attractive, feature-rich, and dynamic Web sites using these latest Web technologies.

## COURSE OBJECTIVE

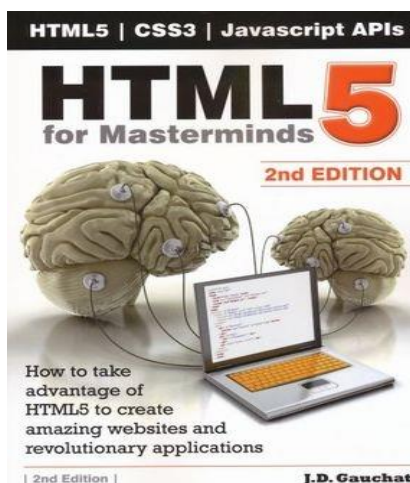
Upon completion of this course, students will be able to:

- Create HTML elements such as hyperlinks, images, tables, and forms
- Structure a web page effectively
- Control the look and placement of HTML elements using Cascading Style Sheets
- Demonstrate knowledge of box properties and external style sheets
- Develop Web sites using HTML5 and CSS
- Use JQuery effectively to make their Web sites dynamic and interactive

## COURSE FORMAT

This is an online course. We will be using the University BlackBoard system. Reading materials, online quizzes and assignments will be posted on the BlackBoard system. Every student registered in the class will have a user id and a password for the system. In addition, I may provide reading materials on the Internet.

## TEXTBOOK



HTML5 CSS3 JavaScript APIs  
HTML5 for masterminds  
2<sup>nd</sup> Edition

ISBN:978-1481138505  
Author: J.D. Gauchat

## WEEKLY PLAN

Every Monday I will post an announcement on Black Board, which lists things to be done that week. Every week you will have (1) a quiz (10 points) and (2) a lab assignment (15 points).

Your responsibility every week includes:

(Refer to the week's folder on Black Board)

- Reading materials assigned from the textbook
- Reading my notes
- Taking a quiz: Quizzes are online and are timed (generally 30 minutes)
- Completing a Lab Assignment

## EVALUATION

- Each weekly online quiz is worth 10 points
- Each Weekly Lab is worth 15 points

**No other exams.**

**Late penalties:**

- Assignment submitted late 5 points/week
- Quizzes taken late 5 points/week
- Will not accept submissions more than one week late.

## GRADING POLICY

The final grade depends on the total score, Quizzes + Lab Assignments.

Total score (%)	Final grade
96 - 100	A
90 - 95	A-
85 - 89	B+
82 - 84	B
80 - 81	B-
75 - 79	C+
72 - 74	C
70 - 71	C-
Less than 70	F

## PREREQUISITES

- Familiarity with the Internet and access to the Internet.
- Knowledge of downloading and installing in Windows environment.

## ONLINE COURSES AT PACE AND THE BLACKBOARD SYSTEM

- We will be using the University Online System BlackBoard: <http://blackboard.pace.edu>. All the materials will be posted here.
- Every student registered in the course will be given a user id and a password. For "Everything you need to know about Pace online courses," please see, [http://appserv.pace.edu/execute/page.cfm?doc\\_id=2378](http://appserv.pace.edu/execute/page.cfm?doc_id=2378)
- If you have difficulty with blackboard, please contact ITS: <http://www.pace.edu/information-technology-services/home>

They are very prompt in helping you.

## CONTACTING ME

My email address is **nmurthy@pace.edu**. Always include ***your name***, and **IT614** in the subject area. Submit all assignments to [IT614Assignment@gmail.com](mailto:IT614Assignment@gmail.com). Use [IT614Assignment@gmail.com](mailto:IT614Assignment@gmail.com) ONLY to submit assignments. For all other communication, please use [nmurthy@pace.edu](mailto:nmurthy@pace.edu).

I will set up Discussion Board on blackboard for discussions on the contents of the course. I like you to use this for all academic questions related to the course.

**I think this is an exciting course. I hope you will enjoy it.**

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After reading this document, read the document, "**IT614 Getting Ready for the class.**"

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