Course: CMPT 241-01  Web Programming

Semester: Spring 2019
Instructor: Dr. Tina Tian
Office: Research & Learning Center 203
Class Meeting: Tuesday, Friday 12:30 - 1:45 PM, Research & Learning Center 107
Email: tina.tian@manhattan.edu
Website: turing.manhattan.edu/~tina.tian
Office Hours: Tuesday, Friday 3:30 - 5:00 PM or email to schedule an appointment
Prerequisites: CMPT 102 or CMPT 201

Course Content:
This course is an introduction to programming for the World Wide Web. You will learn about topics such as:

- HyperText Markup Language (HTML) for authoring web pages
- Cascading Style Sheets (CSS) for supplying stylistic information to web pages
- PHP Hypertext Processor for generating dynamic pages on a web server
- JavaScript for creating interactive web pages

Course Outcomes:
Both server-side and client-side techniques will be used to make dynamic web applications. Students will end the class with a working knowledge of HTML, CSS, JavaScript, and PHP.

Course Grading:

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>Homework</td>
<td>30%</td>
</tr>
<tr>
<td>Projects</td>
<td>45%</td>
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<tr>
<td>Final project</td>
<td>25%</td>
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There are no tests in this course. Your grade will be computed from a combination of homework and projects.

Software and Computing Resources:
The recommended software for the course is the Google Chrome web browser, and the Notepad++ (Windows), Notepadqq (Linux) or TextWrangler (Mac) text editor. XAMPP will be used to set up the web server.
Homework:

Your homework will be graded on a “Did you do it?” basis. Every week you will be required to create a web page both describing and using what you learned in the past week. The web page will be due at the end of the week. You cannot do it late.

Projects:

There will be 4 to 5 individual projects. Projects should be uploaded to your web space and also submitted to Moodle (lms.manhattan.edu).

The final project will be group work (3 students) with oral presentation if time permits.

Late work policy:

Late projects have points deducted. Projects are not accepted a week after the due date.

Attendance policy:

Attendance is required. Students are expected to attend all classes and will be held responsible for all material covered during each class. More than four absences without proper documentation will be reported to the dean of science.

Electronic Devices:

Please do not check e-mail or visit websites that are not relevant to the course during class. It is a distraction, both for you and (more importantly) for your fellow classmates. Please keep your phones silent during class.

Policy:

All work turned in under your name must be your own. Programming assignments must be your own work. No credit will be given for an assignment that is copied – in part or in total – from another person. Problem solving approaches can be discussed in general, as related to class material, lectures, and reading.

You may discuss the homework problems with your classmates and the instructors. For each problem, you must acknowledge the people with whom you discussed your work, and you must independently write up your own solutions. Any written sources used (apart from the text) must also be acknowledged.

Academic/Professional Conduct:

All students are expected to maintain the highest standard of academic and personal integrity. Violations of academic integrity, such as cheating on exams, will be dealt with in accordance with the student handbook.

Students with Disabilities Statement:

Students with documented disabilities are encouraged to register with the Specialized Resource Center in Miguel Hall, Room 300.