Course Title: Business Computing with Internet Applications (EC)  
Course Code: COMP1120 - 12121  
Pre-requisite Course: None  
Language of instruction: English  
Credits: 3  
Course Duration: (Theory) 45 hrs  
Course Duration (Practice) N.A.  
Total Course Duration: 45 hrs  
Teacher(s) / Title: Dr. Billy Yu  
E-mail: billyyu@ipm.edu.mo  
Office: Room no M5-34  
Telephone: 8599 3312  

Course Description:
This course provides a foundation to Internet/Intranet technologies by teaching students on how to use Internet browsers. This course also focuses on the design and development of Web pages. It will cover the basic elements/structure of HTML documents, Web site development process and most importantly the usage of tools to construct different components used in Web pages.

Learning Outcomes:
After completing the course, students will be able to:
1. use browsers to search information on the Web;
2. illustrate the security and privacy issues in using browsers;
3. state different web components, like CSS and HTML;
4. state page structure in HTML;
5. use Dreamweaver to develop Web sites;
6. state usability in computing design.

Macao Polytechnic Institute  
School of Business  
Bachelor in E-Commerce  
Course Syllabus  
Academic Year 2015 / 2016  Semester 2
Content:

1. Introduction to the course (4.5 hours)
   1.1 Project briefing and guideline
   1.2 Brower Basics
   1.3 Understanding the Internet and the Web
   1.4 Security – certificate & Cookies

2. HTML Basics (3 hours)
   2.1 Understanding HTML
   2.2 Creating an HTML document

3. Dreamweaver overview (3 hours)
   3.1 Server site setting
   3.2 Configuring server
   3.3 Site management

4. Other HTML Components (6 hours)
   4.1 Pictures & Link
   4.2 Tables and Page Layout
   4.3 Form management

5. Usability and user attentions (9 hours)
   5.1 Why Usability?
   5.2 Learnability
   5.3 Flexibility
   5.4 Robustness
   5.5 Why it was ignored?
   5.6 User attentions and issues

   Project demonstration, audit and corrections (3 hours)

   Midterm (1.5 hours)

6. Advanced topics in web development (8 hours)
   6.1 CSS
   6.2 Other Design Elements

   Project Presentation and Participation (4 hours)

   Final Exam (3 hours)
Teaching Method:
Lectures, videos, case studies, self-learning exercises, group discussion

Attendance:
Attendance requirements are governed by the Academic Regulations. Students who do not meet the attendance requirements for the course will not be permitted to sit the final and re-sit examination and shall be awarded an ‘F’ grade.

Assessment:
This course is graded on a 100 point scale, with 100 being the highest possible score and 50 the pass score.

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<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>1. Project</td>
<td>Project of this subject</td>
<td>30 %</td>
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<tr>
<td>2. Midterms (written)</td>
<td>Midterm Examination</td>
<td>20 %</td>
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<tr>
<td>3. Examination</td>
<td>Final Examination</td>
<td>50 %</td>
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Total Percentage: 100 %

Teaching Material(s):
Textbook(s)

References:

Note:
1. The above class schedule is tentative and subject to change depending on the progress of the students.
2. Students are responsible for ALL materials covered in class AND in the textbook.