ACOE312 Data Communications and Computer Networks

Course Outline

1. **SEMESTER:** Fall 2008

2. **INSTRUCTOR DETAILS**
   - **Lecturer:** Dr. Loizos Christofi
   - **Email:** com.cl@fit.ac.cy
   - **Tutorials:** every other Wednesday after the lectures
   - **Material:** Lecture notes (http://staff.fit.ac.cy/com.cl/acoe312.html) and main textbook

3. **PREREQUISITES:** ACOE161

4. **EVALUATION**

   It is the student’s responsibility to make up for any missed work due to his/her absence(s). Therefore, students are strongly advised to do their assignments and deliver them to the instructor for evaluation on time.

   According to the Institute’s regulations, 60% of a student’s grade corresponds to the result of his/her final examination. The remaining 40% is the student’s coursework grade, which will be calculated as follows:

<table>
<thead>
<tr>
<th>Evaluation Type</th>
<th>After completion of</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test 1</td>
<td>Chapter 4</td>
<td>20% of overall mark</td>
</tr>
<tr>
<td>Test 2</td>
<td>Chapter 9</td>
<td>20% of overall mark</td>
</tr>
</tbody>
</table>

5. **BIBLIOGRAPHY**

   Lectures will be given in every class session and they will be based on the main textbook. The assignments and examinations will be based on the material covered in class. Students are advised to purchase the main textbook on which many topics of the course are covered. Students are also advised to review the extensive list of books offered at the FIT library on the matter.

   5.1 **Main textbook**


   5.2 **Additional reading and other learning resources**

   - Fred Halsall, “Data Communications, Computer Networks and Open Systems”, Addison-Wesley, 1996

   A wealth of information is also available on the Internet. Good reference guides are the following URLs:

   - Internet Engineering Task Force: http://www.ietf.org
   - IEEE Communications Society: http://www.ieee.org
   - International Telecommunications Union: http://www.itu.int
   - International Organisation of Standardisation: http://www.iso.org
   - Links to vendors, tutorial and other useful information: http://www.commweb.com
   - Educational encyclopaedia: http://users.pandora.be/educypedia/computer/

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The coursework evaluation may have minor changes depending on the subject’s progress