EMBA【資訊科技一】

Teacher: 莊裕澤

Course outline:

The objective of this course is to familiarize students with the enabling technologies of information systems, including their basic concepts, architecture and, most importantly, their application and impact to business. Topics to be covered include:

- Data Mining for Decision Making and CRM
- RFID and the Internet of Things
- Information Security and Management
- Distributed Information Systems: Design Issues and Challenges
- From Middleware to Service-Oriented Architecture (SOA)
- Transaction Processing
- Peer-to-Peer Systems and its Impact
- Content Delivery and Digital Rights Management
- Web 2.0: Socializing the Online Environment
- Web Technology for Electronic Commerce
- m-commerce and Pervasive Computing

Moreover, I hope the teaching can be more interactive, and all of you can fully participate in the class. So students are required to form a team and prepare a short (20-30 min) presentation related to the topics or cases that are to be discussed in the class. The team size will involve 2 to 3 students, unless the number of registered students in the class changes significantly from the past.

There will be no textbook. All materials will be handed out in the class. You may also download them from the course web site:
http://joung.im.ntu.edu.tw/teaching/EMBADIS/2008EMBA/

Note that the web site is still under construction. It will be available one week before the class. You may also go to the web site of the previous year (http://joung.im.ntu.edu.tw/teaching/EMBADIS/2007EMBA/) to get more idea of the course.