



## **Syllabus**

2006 Fall Term

### **E2801 Mobile Software Design**

**Textbook:** Jonathan Knudsen, *Wireless Java: Developing with J2ME, Second Edition*, Apress, 2003. ISBN 1590590775.

**Instructor:** Yihjia Tsai

1. Introduction
2. Programming Environments
3. MIDlets
4. Creating a User Interface
5. Lists and Forms
6. Persistent Storage
7. Network Connection
8. Game API
9. Sound and Music
10. Parsing XML
11. Network Protection
12. Performance Tuning

#### **Reference:**

*Core J2ME Technology & MIDP* by John W. Muchow, Prentice Hall, 2001. ISBN 0130669113.

*J2ME: The Complete Reference*, James Edward Keogh, Osborne/McGraw-Hill, 2003. ISBN 0072227109.

*Java 2 Micro Edition (J2ME) Application Development*, by Michael Kroll, Stefan Haustein. Pearson Education, 2002. ISBN 0672320959.

**Grading:** 40% home works + quizzes, 10% attendance, 50% final report