CSE 7345/5345

The Final stretch
There are several options that you may choose in preparing for the end of semester. The options relate to the maximum grade you can expect based on submission of work.

Max Grade of A  (requires Final Project)
Your final grade will be based on:

- Final Project of your own design
- Presentations on Dec 7 (exam day)
- Exam on Nov 30 (last class)
- Programming Assignments (including A5)
- MidTerm Exam (take-home)

Max Grade of A- (no Final Project)
Your final grade will be based on:

- Exam on Nov 30 (last class)
- Programming Assignments (including A5)
- MidTerm Exam (take-home)

Max Grade of B (no Final Project, no A5)
Your final grade will be based on:

- Exam on Nov 30 (last class)
- Programming Assignments NOT including A5)
- MidTerm Exam (take-home)
The Final Project
An acceptable final project is an Android Application that successfully integrates at least three of the following technologies:

- Bluetooth
- OpenGL
- Global Positioning/Google Maps
- Multi-Touch
- SMS – sending and receiving
- PHONE – trigger a phone call from your app
- Multimedia – demonstrate ability to play music, show images, play movie
- Sensors: demonstrate at least two of the following (Accelerometer, Gyroscope, Ambient Light, Magnetic Field, Air Pressure, Proximity, Temperature)
- Near Field Communication (NFC)
  Nexus S can read information from "smart" tags, or everyday objects that have NFC chips in them. These can be anything from stickers and movie posters to t-shirts.

Distance students electing a final project should prepare a short video of their project or a PowerPoint presentation with sound, for viewing on Dec 7.

Presentations should be posted on a web site for download. Email of the url should be mailed to drC (coyle@smu.edu) by noon on Dec 7.

Exam on Nov 30
Length: 1.5 hrs. One 4x6 note card with notes allowed.
The exam will consist of objective questions and short answers covering:

- Observer Observable
- Threading
- Android Activities
- Android Services
- Android SQLite
- Android Broadcast Receivers