Topics for Today:

- Announcements
  - Last homework “Dispatch” due ~Fri this week.
  - Term Project final report due Fri Dec 9\textsuperscript{th} (may request ext. if result improved)
  - Final Project presentations - Wed Dec 14\textsuperscript{th} 12:45 start
  - Office: EERC 614. Phone: 906.487.2857

- Project Presentations (by local students)
  - Emphasize your project (Journal paper analysis in Appdx)
  - ~6 presentations in 2 hrs - 20 mins each including Q&A
  - Provide .ppt (handouts) for audience (min 12 copies). (4 per side, double-sided)

- Wrap-up of Stability (background for EE6210)
  - Changes in Transfer impedance due to faults, switching.
  - Equal area criterion for first-swing
  - Effect of reclosing strategies

- Connection of EE5200 to EE5223 - Power System Protection
  - Short circuit calcs: balanced and unbalanced
  - Protective devices, measure V(t), I(t), Z(t), etc.
  - Must understand system planning & operations
- .ppt on memory stick
- software

Format: (20 mins)
- Intro/Motivation (1 min)
- Background (5 min)
  - Info/Case
  - Weaknesses in existing approaches
- Development & Implementation (12 mins)
- Results
- Conclusions - Technical
- Recommendations (2 mins)
Conclusions (Not a summary!)
- If..... then........
- Quantitative observations, "rules"
- Be specific - sensitivities

Summary
- Recap.
  - Recommendations based on this work.
  - Recommendations for further work
Exec Summary (Abstract)
- Prob, Motivation, Context
- Work performed
- Results
- Conclusions
- Recommendations
$P_m = 1.5$

0 - S.S.
1 - Fault
2 - Clear
3 - Reclose