

CIS 610 / OMSE 525

Course Overview

Fall 1999

Schedule (Tentative)

- 1 Intro, Qualities, Process
- 2 Inspection (with exercise)
- 3 Static analysis: Symbolic execution, finite-state verification
- 4 Abstract interpretation (guest lectures)
- 5 Flow analysis (guest lecture Tuesday)
- 6 Static analysis wrap-up, exercise (SPIN)
- 7,8,9 Dynamic testing
- 10 Process revisited; wrap-up

Work

- Readings: 1-2 papers each week
 - With 1-page reviews
 - Lead discussion of 1 paper during term
- Lectures and discussion
- Exercises: Inspection, Model-checking, testing
- Quizzes: 4 during term (1 per 2 weeks)
- Final exam

In Deschutes 200
(Conference Room)
after today