COVERAGE FOR CS589 EXAM #2

CS 589; Fall 2014

Exam #2 will be held on **Monday, November 3, 2014** at **5:00p.m.** in room 104 Stuart Building. The exam is a **closed books and notes** exam.

Coverage for the exam:
- Special Value testing (T1: Section 5.4)
- Random testing (T1: Section 5.6)
- Code-based testing (T1: Chapter 8, 9, and 10)
  - Statement, branch, multiple-condition, loop testing (T1: Section 8.3, 8.5)
  - Path testing, McCabe's path testing (T1: Section 8.4. 8.5)
  - Data flow testing (T1: Section 9.1)
  - Retrospective on code-based testing (T1: Chapter 10)
- Model-based testing (T1: Section 4.3.2; Handout #2)
  - State testing, transition testing, transition-path testing, constraint-path testing, 2-transition testing (transition-pairing testing), k-tuple transition testing.

Sources:
- [T1]: Paul C. Jorgensen, Software Testing. A Craftsman's Approach, Fourth Edition, Auerbach Publications, 2014, ISBN-13: 978-1-4665-6068-0.
- Handouts posted on the blackboard
- Class Notes