

COVERAGE FOR EXAM #1

CS 589; Fall 2014

Exam #1 will be held on **Monday, October 6, 2014** at **5:00p.m.** in room **104 Stuart Building.**

The exam is a **closed books and notes** exam.

Coverage for the exam:

- Introduction to Software Testing (T1: Chapter 1)
- Specification-based testing (T1: Chapters 5, 6, and 7)
 - Equivalence testing (T1: Chapter 6)
 - Equivalence testing (T1: 6.1, 6.2)
 - Weak/Strong normal equivalence testing (T1: Sections: 6.3.1, 6.3.2, 6.8)
 - Weak/Strong robust equivalence testing (T1: Sections: 6.3.3, 6.3.4, 6.8)
 - Testing boundaries (T1: Chapter 5)
 - Boundary Value Testing (T1: Section 5.1, 5.7)
 - Robust boundary value testing (T1: Section 5.2, 5.7)
 - Worst-Case boundary value testing (T1: Section 5.3, 5.7)
 - Robust worst-case testing (T1: 5.3, 5.7)
 - Decision Table-based Testing (T1: Chapter 7)
 - Cause-effect graph testing (Handout #1)
 - Combinatorial Testing. All-Pairs testing. (T1: Chapter 20)

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
- Lecture Notes