

## COVERAGE FOR CS589 EXAM #3

CS 589; Fall 2014

Exam #3 will be held on **Wednesday, December 3, 2014 at 5:00p.m.** in room **104 Stuart Building.**

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

Coverage for the exam:

- Object-oriented testing (T1: Chapters 15)
- Symbolic Evaluation (Handout #3, Handout #3A)
- Proving program correctness (Handout #4)
- Automated static analysis (Handout #5):
  - Reachability analysis
  - Uninitialized variables
  - Redundant code
  - Program dependence analysis
  - Program slicing (class notes; T1: Section 9.2)

### 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