SE/CS 6367 & SYSM 6310: Tentative Lecture Schedule

Class 1 (05/26/Tuesday)

- 130 min   Live-online (Foundations of Software Testing)
- 60 min   Video (Adaptive Random Testing)

Cumulative Count: 40 min extra

Class 2 (05/28/Thursday)

- 20 min   Video (Using Mind Mapping to Design Test Cases)
- 20 min   In-class exercise (Mind mapping)
- 10 min   Discussion of Project 1
- 100 min   Video (Requirement-based Test Generation for Functional Testing)

Cumulative Count: 40 min extra

Class 3 (06/02/Tuesday)

- 196 min   Video (Code Coverage Testing and Tool Support)

Cumulative Count: 86 min extra

Class 4 (06/04/Thursday)

- 70 min   Video (Controlflow-based Coverage Criteria)
- 20 min   In-class (Coverage Adequacy Criteria)
- 20 min   Discussion of in-class exercise

Cumulative Count: 46 min extra

Class 5 (06/09/Tuesday)

- 15 min   Live-online discussion of Project 2
- 15 min   Live-online discussion of xSuds toolsuite
- 115 min   In-class exercise (Coverage-based Testing)

Cumulative Count: 40 min extra

Class 6 (06/11/Thursday)

- 0 min   Reading Materials (Dataflow-based Coverage Criteria)
- 0 min   Reading Materials (Test Adequacy Measurement and Enhancement)
- 0 min   Reading Materials (Selected chapters from reference books)
- 80 min   Video (Coverage Testing SDL Models (Architectural Design-based)
- 90 min   Live-online (Combinatorial Testing & its Application)

Cumulative Count: 60 min extra

Class 7 (06/16/Thesday)

- 120 min   In-class exercise (Combinatorial Testing: A Hands-on Tutorial)
                    In-class exercise (Combinatorial Testing)

Cumulative Count: 30 min extra

Class 8 (06/18/Thursday)

- 143 min   Video (Regression Testing)
- 27 min   In-class exercise (Regression Testing)
- 0 min   Topics of term papers due

Cumulative Count: 50 min extra

Class 9 (06/23/Tuesday)

- 175 min   Video (Mutation Testing)

Cumulative Count: 75 min extra

Class 10 (06/25/Thursday): Exam I

Cumulative Count: 0 min

Class 11 (06/30/Tuesday):

- 175 min   Video (Software Fault Localization)
- 25 min   In-class exercise (Slicing-based Software Fault Localization)
- 20 min   Discussion of Project 3

Cumulative Count: 70 min extra