University of Toronto, Department of Computer Science
CSC410, Fall 2016, Syllabus

Week	Monday	Tuesday	Topic	Tutorial	Assignments
1	09/12	09/13	Introduction Assertions	none	
2	09/19	09/20	JML Verification	JML	HW1 out
3	09/26	09/27	Verification	Verification	HW1 due HW2 out
4	10/3	10/4	Dafny+ESC/Java	Dafny ESC/Java	HW2 due Assignment 1 out
5'/11'	--	10/11	Debugging (Tuesday)	Analysis fundamentals	HW1 back
5	10/17	10/18	Symbolic execution	Java Pathfinder	Assignment 1 due HW3 out
6	10/24	10/25	Dataflow analysis	Midterm review	HW3 due HW4 out Assignment 1 back HW2 back
7	10/31	11/1	Testing, test coverage, test generation	Midterm	
--	11/7	11/8	Nov. 7 last day to drop.	Study break	midterm and HW3 back
8	11/14	11/15	Testing continued, Concolic testing	JCute	HW4 due HW5 out
9	11/21	11/22	Specification mining	Daikon and JavaPathfinder for testcase generation	HW5 due Assignment 2 out
10	11/28	11/29	Verification without specifications	UFO	
11'/5'	12/05	--	Debugging (Monday)	none	
			(Analysis fundamentals tutorial on your own)		
12	12/07	12/06	Added Wednesday lecture for Monday class. 3-hour lecture in each class Summary, catchup, review for final	none	Assignment 2 due HW4 and 5 back

Notes:

- Material taught in Tuesday class in week 5' is the same as that taught in Monday class in week 11'. It will be on the Final but not on the Midterm
- During the last week of class, Monday class meets twice: on Monday (to do Week 11' material) and on Wednesday (to do Week 12 material)
- Assignments and homeworks are due on Sundays before midnight, and are to be submitted electronically via MarkUs. Refer to Information Sheet for the exact due dates.
- Final exam is scheduled during the A&S Fall course exam period (Dec. 9-20, exact date to be announced on October 21).