CS 6340 Course Schedule - Fall 2021

Week	Dates	Lesson Name	Work Due	Lesson 0	1	2	3	4	5	6	7	8	9	10	11	Lab 0	1	2	3	4	5	6	7	Important Dates
1	23 Aug - 29 Aug	0 - Course Introduction 1 - Introduction to Software Analysis 2 - Introduction to Software Testing		█	█	█										█								23 August: Classes start 27 August: Registration ends (4pm ET)
2	30 Aug - 5 Sep	3 - Random Testing	Lab 0: LLVM Intro (30 Aug) Start of Course Survey (30 Aug)				█									█								30 August: All labs and quizzes available 30 August: Payment deadline (4pm ET)
3	6 Sep - 12 Sep	4 - Automated Test Generation						█								█								6 September: Labor Day holiday
4	13 Sep - 19 Sep	5 - Dataflow Analysis	Lab 1: Fuzzing (13 Sept)						█								█							
5	20 Sep - 26 Sep	6 - Pointer Analysis								█							█							24 September: Exam available
6	27 Sep - 3 Oct		Lab 2: Dataflow (27 Sept)																					Exam week
7	4 Oct - 10 Oct	7 - Constraint Based Analysis	Course Exam (4 Oct)								█							█						4 October: Exam due
8	11 Oct - 17 Oct																	█						11-12 October: Fall break
9	18 Oct - 24 Oct	8 - Type Systems	Lab 3: Datalog (18 Oct)									█							█					
10	25 Oct - 31 Oct	9 - Statistical Debugging	Lab 4: Type Systems (25 Oct)										█							█				30 October: Withdrawal deadline (4pm ET)
11	1 Nov - 7 Nov																			█			
12	8 Nov - 14 Nov	10 - Delta Debugging	Lab 5: CBI (8 November)											█							█			
13	15 Nov - 21 Nov																				█		
14	22 Nov - 28 Nov		Lab 6: Delta (22 November)																					24-26 November: Thanksgiving holiday
15	29 Nov - 5 Dec	11- Dynamic Symbolic Execution													█							█	
16	6 Dec - 12 Dec																					█	9-16 December: Final exams
17	13 Dec - 19 Dec		Lab 7: KLEE (13 December)																					21 December: Grades available

Unless indicated, all deadlines or events are at 8:00am ET.

Please note that we will be releasing all the labs near the start of the semester. Since all lessons are immediately available and all labs will be available on 30 August, we recommend that you get started as early as possible on all work. In particular, we recommend that you plan on starting labs 1, 2, 3, and 5 two weeks before they are due. The time shown in the "Lab" column is the time during which you should be working on the lab. The lab is due at the start (Monday, 8am ET) of the week after the time in which you should be working on it.

Note that the graded lesson quizzes are not listed here. We do not enforce their weekly deadlines, which are set a week after the lesson is assigned to help keep you from getting behind. These soft deadlines become firm on 13 December as we are winding down the course.

The lab due dates, exam, and other deadlines are all listed on the Canvas course calendar. You can view that calendar at https://gatech.instructure.com/calendar. You can also integrate a feed from that calendar with your Google, iCal, or Outlook calendar from the right hand side of that screen at the "Calendar Feed" link, which we highly recommend. Additionally, if you are not in the Eastern Time Zone, you should change your timezone in Canvas so you can see the calendar in local times and you should figure out when Monday, 8am ET is in your time zone as all of our course-specific deadlines are at this time. For those of you in places that do not change their clocks during the year, please be aware that North America's Eastern Time Zone will shift from Eastern Standard Time (GMT - 5:00) to Eastern Daylight Time (GMT - 4:00) on 14 March at 2am ET, so when things are due in local time will change after that date by an hour.