

# CS429 Lecture Schedule

## Spring 2019: Dr. Bill Young

*This schedule is only approximate; don't rely on the dates.* Test dates probably won't change. Labs will be published approximately every two weeks and due (almost) two weeks later. Due dates will be clearly given on the lab handout, not on here. All readings are from Bryant and O'Hallaran, 3rd edition.

Wk	Date	L#	Topics	Readings
0	1/23	L1	Syllabus, Intro to C	
1	1/28	L2	Intro	1, 2.1
	1/30	L3	Bits and Bytes	2.2-2.5
2	2/4	L4	Integers, Floating Point	
	2/6	L5	Floating Point, Digital Logic	4.2.1-4.2.4
3	2/11	L6	Digital Logic	4.2.5
	2/13	L7	ISA I - Y86	4.1
4	2/18	L8	ISA II, Review	3.1-5
	2/20	T1	In class Exam 1	
5	2/25	L9	Go over exam, ISA III	3.6
	2/27	L10	ISA III	3.6
6	3/4	L11	ISA IV	3.7
	3/6	L12	ISA V	3.8
7	3/11	L13	ISA VI	3.9
	3/13	L14	ISA wrap up	
3/18-3/22: Spring Break, no class				
8	3/25	L14	Processor Datapath and Control I	4.3
	3/27	L15	Proc. Datapath/Control II	4.3
9	4/1	L16	Review, Pipelining I	4.4, 4.5.1-4.5.2
	4/3	T2	In class Exam 2	
10	4/8	L17	Go over test, Pipelining II	4.5.3-4.5.10
	4/10	L18	Pipelining III	

Wk	Date	L#	Topics	Readings
11	4/15	L19	Storage Technologies	6.1
	4/17	L20	Caching I	6.2-6.7
12	4/22	L21	Caching II	
	4/24	L22	Performance Programming I	5.1-5.5
13	4/29	L23	Performance Programming II	5.6-5.8
	5/1	L24	Amdahl's Law, review for Exam 3	1.9.1
14	5/6	T3	In class Exam 3	
	5/8	L26	Go over test, finish up, review	
	TBD	FN	Final Exam	all previous