CS 4396 - Computer Networks Lab
Spring 2018
Tentative Course Schedule

Week	Date	Description	Reading/Resources
1	1/12	**Lecture:** Course Outline + Description of Lab Software and In-class Demo **Optional Lab Activity:** Build Lab Environment on Your System **Lab 1:** Chapter 1 on the Lab Environment	**Optional Lab Activity:** Suggested deadline: 1/21/2018 **Lab 1: Lab Environment** Soft deadline 1/22/2018 Hard deadline (lab report due): 1/28/2018
2	1/19	**Lecture:** TCP/IP Networking: An Example	
3	1/26	**Lecture:** IP Addresses, Internet Protocol (IP), IP Forwarding, ARP, ICMP **Lab 2:** Chapter 2 on Networking Basics	**Lab 2: Networking Basics** Soft deadline: 2/5/2018 Hard deadline (lab report due): 2/11/2018
4	2/2	**Lecture:** *In class lab discussion day for Lab 2*	
5	2/9	**Lecture:** Routing (RIP and OSPF) **Lab 3:** Chapter 3 on Infrastructure Network Planning and Design	**Lab 3: Network Planning** Soft deadline: 2/21/2018 Hard deadline (lab report due): 2/25/2018
6	2/16	**Lecture:** *In class lab discussion day for Lab 3*	
7	2/23	**Lecture:** *In class lab discussion day for Lab 4* **Lab 4:** Chapter 4 on Static Routing	**Lab 4: Static Routing (Overlapping with Lab 5)** Soft deadline: 3/5/2018 Hard deadline (lab report due): 3/11/2018
8	3/2	**Lecture:** Quiz 1 **Lab 5:** Chapter 5 on Dynamic Routing with RIP and OSPF	**Lab 5: RIP & OSPF (Overlapping with Lab 4)** Soft deadline: 3/19/2018 Hard deadline (lab report due): 3/25/2018
9	3/9	**Lecture:** *In class lab discussion day for Lab 5*	
10	3/16	Spring Break	
11	3/23	**Lecture:** IPv6 **Lab 6:** Chapter 6 on Basic Networking with IPv6	**Lab 6: IPv6** Soft deadline: 4/6/2018 Hard deadline (lab report due): 4/12/2018
12	3/30	**Lecture:** BGP and *in class lab discussion day for Lab 6*	
13	4/6	**Lecture:** BGP (cont'd) and *in class lab discussion day for Lab 7*	**Lab 7: BGP** Soft deadline: 4/19/2018 Hard deadline (lab report due): 4/24/2018
14	4/13	**Lecture:** BGP (cont'd) and *in class lab discussion day for Lab 7*	
15	4/20	**Lecture:** DNS and *in class lab discussion day for Lab 7*	**Lab 8: DNS** Soft deadline: 4/30/2018 Hard deadline (lab report due): 5/6/2018 NO LATE SUBMISSIONS ACCEPTED
16	4/27	**Lecture:** Quiz 2	