## CS/ECE 372 Introduction to Computer Networks Course Calendar\* Fall 2019

NOTE: Weeks are shown Sunday through Sunday. Assignments are due the 2<sup>nd</sup> Sunday, unless otherwise noted. \*NOTE: Subject to change based on material pace

New Assignments in BLACK. Due Assignments in RED

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#5: 10/27 – 11/03  Week 5 Summary Exercises Lab #3  Week 5 Summary Exercises	<ul> <li>Reliable Data Transfer</li> <li>Transmission Control Protocol (TCP)</li> <li>Flow Control</li> </ul>	
	<b>Read</b> K&R Chapter 3.4 – 3.5 (Re-read 3.5.4)	
#6: 11/03 – 11/10	Congestion Control	
	• Fairness	
Week 6 Summary Exercises	TCP Connection Management	
Week 6 Summary Exercises Midterm Exam Lab #3	Midterm Exam: 11/8 in-class	
	Read K&R Chapter 3.6 – 3.8	
# <b>7</b> : 11/10 – 11/17	<ul><li>Virtual circuits</li><li>Internet protocols</li></ul>	
Week 7 Summary Exercises	Datagram routing	
Lab #4	• Internet Protocol (IPv4)	
Week 7 Summary Exercises	<ul> <li>Classless Inter-Domain Routing (CIDR)</li> <li>Dynamic Host Configuration Protocol (DHCP)</li> </ul>	
WO 11/15 11/04	Read K&R Chapter 4.1 – 4.3	
<b>#8</b> : 11/17 – 11/24	Routing algorithms	
Wook & Cummany Evenier	Fragmentation     Internet Control Massage Protectal (ICMP)	
Week 8 Summary Exercises	Internet Control Message Protocol (ICMP)  Notwork Address Translation (NAT NAPT)	
Week 8 Summary Exercises	Network Address Translation (NAT, NAPT)	
Lab #4 due		
	<b>Read</b> K&R Chapter 5.1 – 5.3, 5.6	

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#9: 11/24 – 12/01	Internet Protocol (IPv6)  Link Lorent
Week 9 Summary Exercises Week 9 Summary Exercises Lab #5	<ul> <li>Link Layer</li> <li>Network interfaces</li> <li>Multiple Access protocols</li> <li>MAC addresses</li> <li>Address Resolution Protocol (ARP)</li> <li>Local Area Networks (LAN)</li> <li>Ethernet</li> </ul> Read K&R Chapter 6.1 – 6.4, 6.7
#10: 12/01 – 12/08  Week 10 Summary Exercises  Week 10 Summary Exercises	<ul> <li>Local Area Networks (LAN)</li> <li>Ethernet</li> <li>Wireless &amp; Mobile Networks</li> <li>Network Security</li> </ul>
Lab #5 due FRIDAY	<b>Read</b> K&R Chapter 7.1 – 7.3, 8.1 – 8.3
#8: 12/08 – 12/15	• Final Exam (tbd)
Final Exam Dates:	