

# **CS 118: Computer Networking Fundamentals**

**Winter 2016**

## **Syllabus**

### **Week 1**

1. JAN 5 - Introduction
2. JAN 7 – Communications and Information Sharing

### **Week 2**

3. JAN 12 - Communication Channels
4. JAN 14 – Communications and State

### **Week 3**

5. JAN 19 – Multiparty Communications
6. JAN 21 – Sharing Channels 1

### **Week 4**

7. JAN 26 – Sharing Channels 2
8. JAN 28 – Network Topologies

### **Week 5**

9. FEB 2 – Network layering
10. FEB 4 - Midterm

### **Week 6**

11. FEB 9 – Naming 1
12. FEB 11 – Naming 2

### **Week 7**

13. FEB 16 – Recursion 1
14. FEB 18 – Recursion 2

### **Week 8**

15. FEB 23 – Resolution and Automatic naming
16. FEB 25 – Sockets - naming inside and out

**Week 9**

- 17. MAR 1 – Routing
- 18. MAR 3 – Intralayer issues

**Week 10**

- 19. MAR 8 - Congestion
- 20. MAR 10 – Network privacy and security