Computer Networking
Micah Beck Spring 2021

Section 1: History and Architecture (1 wk)

Section 2: Packet Networking (2 wks)
Principles
Local Area Networking
Sockets

Section 3: Internetworking (2 wks)
Addressing
Routing
Peering
IPv6

Section 4: Transport Layer (2 wks)
UDP
TCP
Connected Sockets
Network Address Translation
SCTP

Section 5: Internet Services (3 wks)
Telnet
FTP
Web
Remote File Access
Streaming
Peer-to-Peer
Social Media
Maps & Traffic
Overlay Networks
Chat
Voice over IP
Cloud

Section 6: Point-to-Multipoint (2 wk)
Multicast
Web Caching
Content Delivery Networks

Section 7: Security & Privacy (1 wk)
IPsec
HTTPS
Firewalls
VPNs
Worms & Breaches