**Instructor:** Prof Radha Poovendran  
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Reference: *Computer Networking, A Top-Down Approach*, Kurose and Ross

Website: [http://www.ee.washington.edu/class/565/wtr02/](http://www.ee.washington.edu/class/565/wtr02/)

**Outline**

- Introduction, layered model, protocols (Week 1) (Chapter 1 of Text)
- Error detection, Framing (Week 1) (Chapter 2 of Text)
- Reliable transmission – ARQ protocols (Week 2) (Chapter 2 of Text)
- Routing Algorithms (Week 2-3) (Kurose/Rose Chapter 4)
- Transmission Control Protocols (Week 4-5) (Kurose/Rose Chapter 3)
- Queuing Theory {Queuing Models, Queuing Networks, Network Capacity Assignment} (Week 6-10) (Chapter 3 of Text)

**Grading Policy:**  
Homework: 40% *(NO Late Homework)*  
Final exam: 40%  
Project (to be posted on the class webpage): 20%