

# QoS: Quality of Service

## Essentials: Classification, Marking, Queuing & Policing

### Agenda

- Start slide deck on QoS
- Next week: Course overview; SBA & final exam info

### Assigned Readings and Lab work

- Read FLG Ch 8 – Security due by Wed Apr 5
- Cisco **Ch 10** online test due before **Fri Mar 31 @ 11:59pm**
- Cisco **Ch 8** online test due before **Tue Apr 4 @ 11:59pm**
- Cisco online final due between Wed Apr 5 & **Fri Apr 7 @ 11:59pm**
- Pre-lab and post-labs as per the regular schedule
- Lab 12: Cisco V7 lab 10.1 – L2 security

### The "Big Three" for QoS

Depending on your source, the Big Three for QoS can one of:

- Classification, Marking, Treatment (Queuing & Policing)
- Latency, Jitter, Packet loss
- Best effort, Integrated Services, Differentiated Services (DiffServ)

... You can't mix & match, so just be sure you keep them straight!

Currently, the two biggest applications for QoS are telephony and (live) streaming video.