

Lecture 16: Wireless Networking

Outline

- **Wireless physical layer challenges**
 - Signal, noise, modulation
 - A little bit of EE goes a long way
- **Wireless link layers**
 - Hidden terminals, exposed terminals
 - CSMA/CA
 - RTS/CTS
- **Wireless routing and throughput**

Ethernet: 802.3

- **Dominant wired LAN technology**
 - 10BASE5 (vampire taps)
 - 10BASE-T, 100BASE-TX, 1000BASE-T
- **Frame format:**

