



Network II

CS 184

Encoding and Modulation

Department of Computer Science
George Washington University

Additional Resources

- Data Communications and Networks/2ed
 - Chapters 5 -- material discussed in lecture
 - Chapters 2, 3, 4, 7, 8 -- background

Signal Conversion (Encoding)

- We transform data into signals to send them
- Four ways of conversion
 - Digital-to digital: Encoding
 - Analog-to-digital: Digitizing
 - Digital-to-analog: Modulating a digital signal
 - Analog-to-analog: Modulating an analog signal

