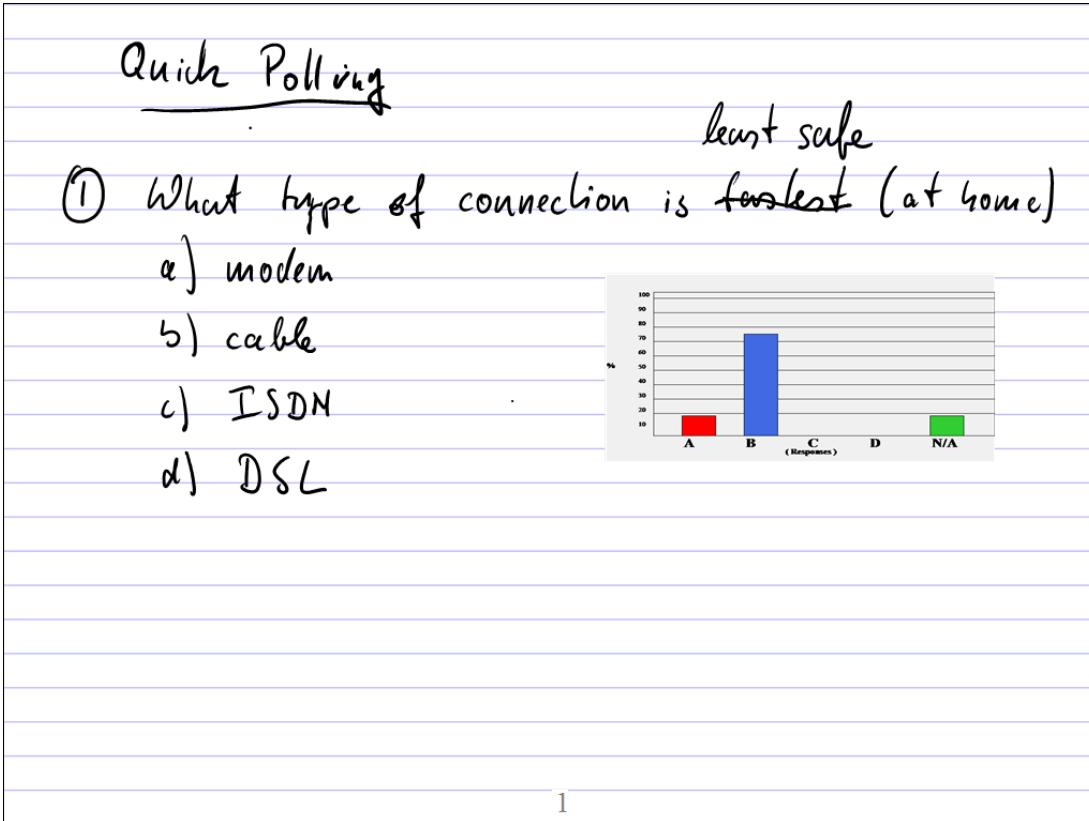


Panel 1



Panel 2

CSAS 3211 - Computer Networking

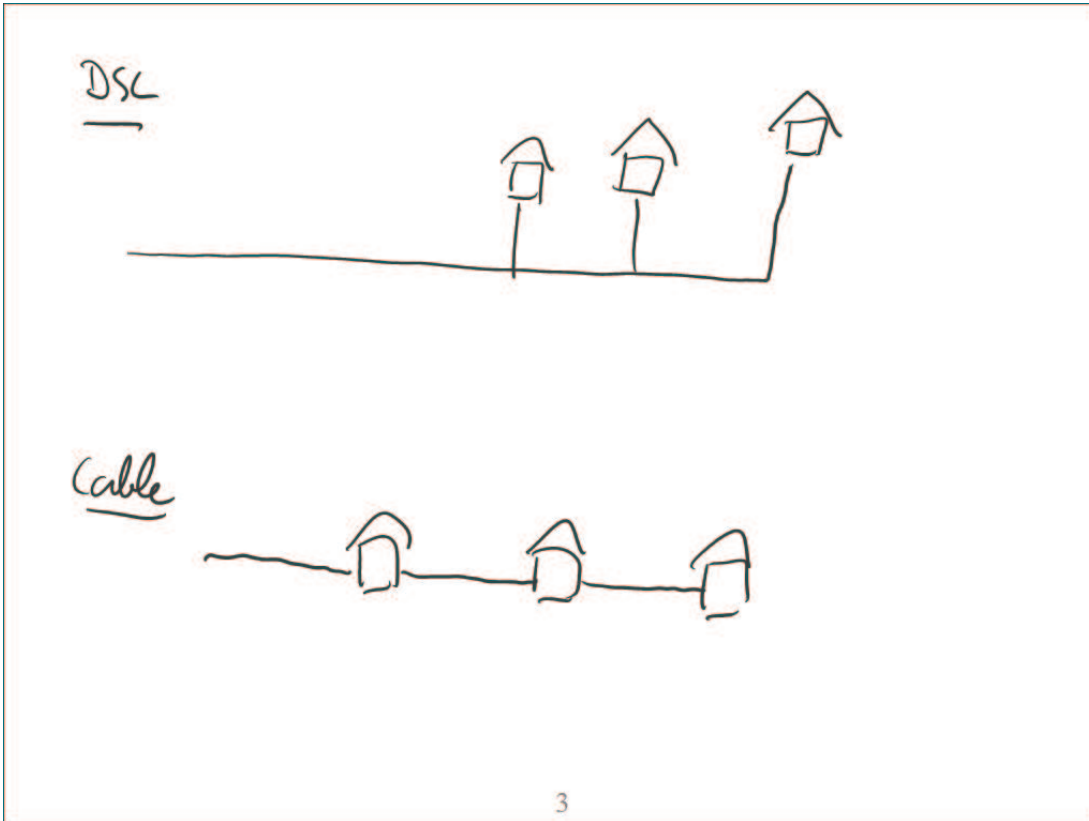
Class meets:

Web page: <http://pirate.shu.edu/~wachsmut/>

Text book:

2

Panel 3



Panel 4

What this class covers:

- Basic networking terms
- OSI Model
- Signals + Transmission media
- Error Detection + Correction
 - Different networks (LAN, WAN)
- TCP/IP + "the" Internet

Abstract class

Panel 5

Basic Networking Concepts

Data communications systems:

↳ components:

- Sender
- Receiver
- Medium (paper + transmission system)
- Message
- Protocol (addressing)

us guy meets Russian must follow same
Protocol

5

Panel 6

Standards

In most networks different entities must communicate.

⇒ need for standards : de jure : by law
de facto - proprietary
- open

Standard Organisations

ANSI : American National Standards Institute

ASCII (means what)

ISO : International Standards Organisation

A4 letter size ; OSI

IEEE : Inst. of Electrical + Electronics Eng.

802.11 [ⓐ]
ⓑ
Ⓒ

6

Panel 7

Homework:

Read Chapter 1:

page 15: 1, 3, 15, 22, 23

page 16: 24-28, 36-37, 42

Read Chapter 2.1

page 36: 17, 20, 21, 23, 24,

page 38: 35, 37, 38, 39, 40

later on
Friday