Course Syllabus

COS 460 & COS 540
Computer Networks
Fall 2017

Course Syllabus

- Course Objectives
- Textbook & Resources
- Schedule
- Assignments, Exams, and Grades

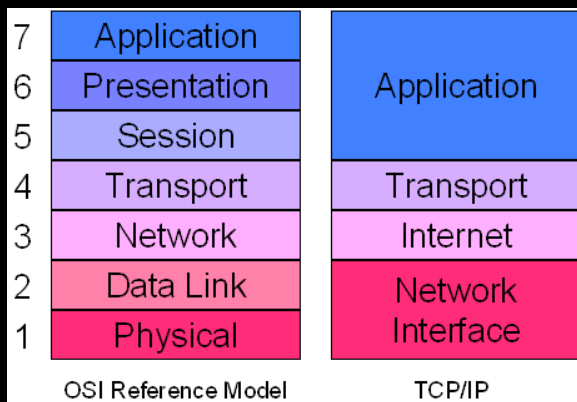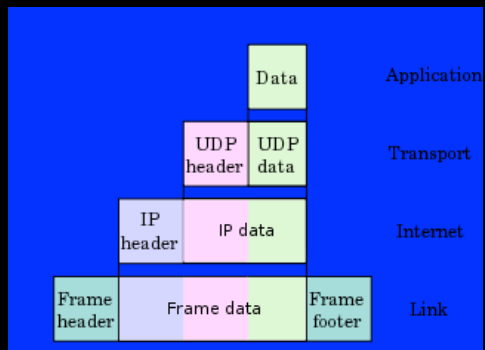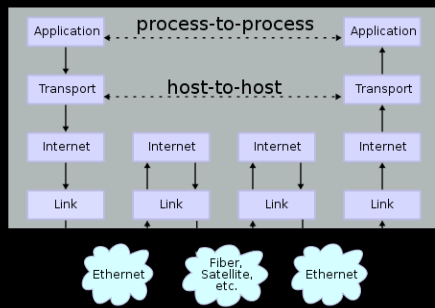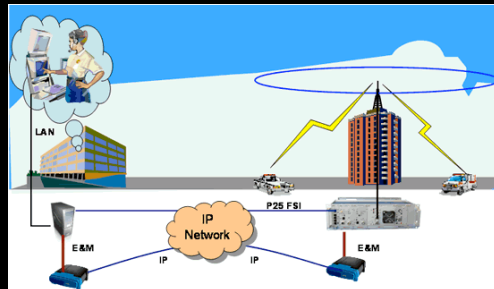# Course Objectives

Layers make everything better

OSI Reference Model		TCP/IP
7	Application	Application
6	Presentation	
5	Session	
4	Transport	Transport
3	Network	Internet
2	Data Link	Network Interface
1	Physical	

"Encapsulated" View

Data Flow View

LANs & WANs

Write Code

Textbook & Resources

Textbook

- <u>Computer Networks: A Systems Approach</u>
- Petersen & Davie
- 5th Edition
- $76

Other Resources

- The Internet
- Blackboard course site
- Referenced papers, articles, etc.

Schedule

Schedule

- Foundations & Direct Networks (4 weeks)
- Inter-networks & End-End (6 weeks)
- Data & Applications (5 weeks)

Refer to website for more specifics

Assignments & Exams

Assignments

- 4 Programming Assignments
- Progressively more difficult
- Last two are same project
- 325 = 50 + 100 + 75 + 100 points

GitHub

We will be using
git and **GitHub**
for course materials and projects

Reading & Homework

- Textbook Sections
- Linked, topical, Readings

- Be prepared to discuss textbook questions in class

Exams

- Three Exams
- Based on three parts of course
- Final contains all material
- 325 = 100 + 100 + 125 points

Graduate Students

- More work for you!
- Research Paper (5-10 pages)
- Class Presentation (10-15 minutes)
- 100 = 50 + 50 points

Grades

- COS 460 - Undergraduate Students
  Based on maximum of 650 points

- COS 540 - Graduate Students
  Based of maximum of 750 points

Questions?

Course Syllabus
End