

CS 664- Computer Networks

Topics for Exam 1

The important topics for Exam 1 (but not limited to) are:

- Internet: Nuts and bolts view. (All the components involved)
- Internet: Services description expectations
- Access networks, ISPs, IXPs
- Packet Switching, Store and forward mechanism
- Circuit Switching, FDM, TDM
- Attacks on networks
- Prevention strategies for attacks on networks
- Delays
- Throughput
- Packet loss
- Layers of the internet
- Application Layer- Client server paradigm, P2P paradigm
- What transport services does an app need?
- DNS
- Email
- DASH
- Differences between TCP and UDP
- Multiplexing , Demultiplexing

Note:

You are allowed 2 sides of a handwritten cheat sheet of A4 size.

There are no batches and all the students will give the exam together in JB127.

Exam is during the regular class hours.