Time: 16:30 – 18:30pm, Weds, 12/13

Half-page cheating sheet (handwritten)

20% - midterm & HW

80% - after 2nd midterm

Final Review:

Network Layer

Two key functions

Longest prefix matching

Internet Protocol

* IP datagram format
* IP fragmentation
* IP addressing and subnet
* NAT

Routing algorithms

* Link state routing and distance vector routing ( shortest path tree and forwarding table )

Hierarchical routing

* Intra-AS routing and Inter-AS routing (How to find the path)

Internet routing protocols

* RIP

Link Layer (Also provide reliable data transfer)

Services

Multiple access protocols (Advantage & Disadvantage)

* Channel partitioning
* Random access
* Taking turns