Lecture 1 Vocabulary

Networking – Connectivity between devices.
Ethernet – Wired method of networking
Wi-Fi – Medium-range networking used for both commercial and residential
Datagram (Packet ) – Data that is sent over a network
Host – Computer that accepts data requests
Client – Computer that sends data requests
Internet Protocol Suite – Set of communication protocols used for the internet
TCP – Transmission Control Protocol
IP – Internet Protocol
UDP – User Datagram Protocol
Link Layer – Communication in a Local network
Internet Layer – Connects Local Networks, establishing internet
Transport Layer – Transports data between two network Hosts
Application Layer – Applications create user data and communicate it to other processes on other hosts
Encapsulation – Application uses set of protocols to send data through the layers, being further wrap
End-to-End Principle – Application-specific functions reside in end hosts rather than intermediary nodes