



Course Summary

รศ.ดร. อนันต์ พลเพิ่ม

Asso. Prof. Anan Phonphoem, Ph.D.

anan.p@ku.ac.th

<http://www.cpe.ku.ac.th/~anan>

Computer Engineering Department
Kasetsart University, Bangkok, Thailand



Covered Topics

- Computer Network Introduction
- IP version 4
 - data format, subnet design, network devices
 - supporting protocol (ARP, ICMP)
- IP Multicast
- IP version 6
- Routing Protocol
 - CIDR
 - RIP, OSPF, IS-IS, BGP



Covered Topics

- IP services
 - DiffServ, IntServ, RSVP
- Transport Over IP
 - TCP, UDP, SCTP, RTP
- Multiprotocol Label Switching (MPLS)
- Traffic Engineering
- Application Protocols
 - DNS, Telnet, FTP, TFTP, Email (SMTP)
- Security