



Internetworking Standards & Technologies

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Cisco | Networking Academy®
Mind Wide Open™

Instructors & Course material

- Instructors

- Jirasak Sittigorn

- Room : 508, 708, 908, 601

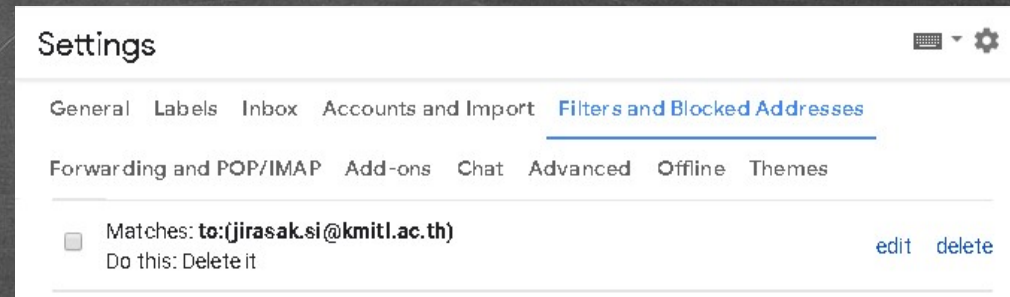
- Email : ks.jirasa@gmail.com

- Course material

- CCNA routing and switching

- <https://netacad.com>

- Class code (Google classroom)



Course Description

- TCP/IP Networks; TCP/IP Layers; Internet Address; Cables; Cabling System; Network Address Planning; Domain Name System; Internet Protocol; Address Resolution Protocol; Internet Control Message Protocol; Dynamic Host Configuration Protocol; Transmission Control Protocol; User Datagram Protocol; Routing; Routing Protocol: RIP, OSPF, BGP; Router; Router Configuration; Router Verification and Troubleshoot.

Grading Policy

รายละเอียด	01076027 IST *	01076260 IST	01076261 IST Lab
แบบฝึกหัด Online	5%		
กิจกรรมในชั้นเรียน	10%		
กิจกรรมนอกชั้นเรียน	-%		
งานที่มอบหมาย	15%		
Lab Submission	10%		
Lab Final Exam	15%		
สอบปลายภาค	45%		

Course Syllabus

No	Lecture	Lab
1	Network Overview	Cabling & Lab Diagram
2	Basic Router Configuration	Basic Router Configuration
3	Static Routing & Dynamic Routing Protocol	IP Address, Interface and Static Route
4	Distance Vector Routing Protocols & RIP	Static Route and RIP
5	RIPv2 + ACL	RIPv1 & RIPv2 & ACL
6	OSPF + DHCP	OSPF & ACL & DHCP
7, 8	Assignment Progress	
9	Basic Switch Concept & Configuration	Basic Switch Configuration
10	SPT + VLAN	VLANs
11	VLANs & InterVLAN	-
12	VTP & Link Aggregation	QInterVLAN
13	EIGRP + NAT	EIGRP + NAT
14	IPv6 & Routing	IPv6 & Routing
15, 16	Assignment Presentation	Lab Exam