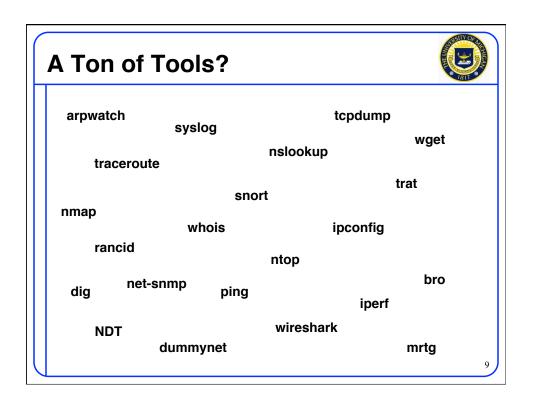
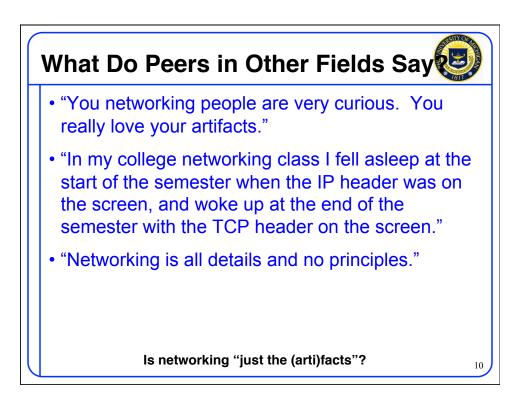


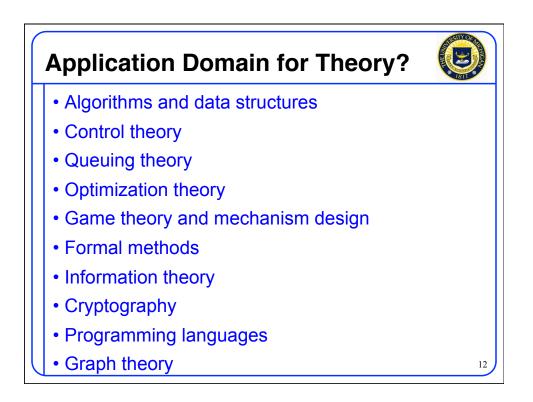


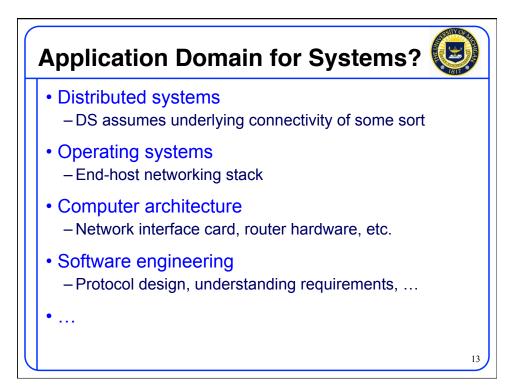
A Big Bu	inch of E	loxes?	
Router	Label Switched	Load balancer	Switch
	Router	Scru	bber Repeater
Gatewa	ay Intrusic	on Bridge	Route
Deep	Detectio	on	Reflector
Packet	Systen	n	
Inspection		DHCP	
F NAT	irewall Hu	server b	Packet shaper
WAN accelerator	DNS server	Paci snif Base station	

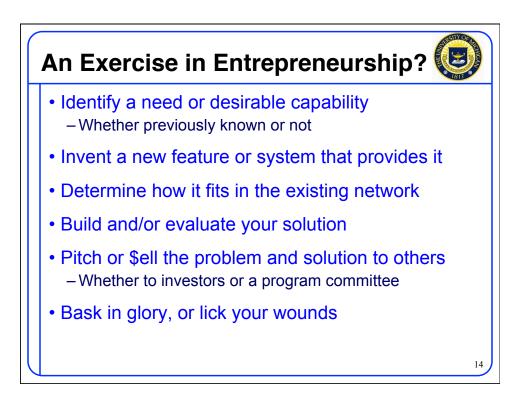


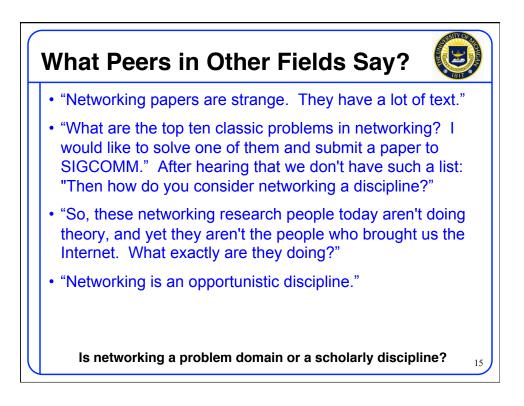


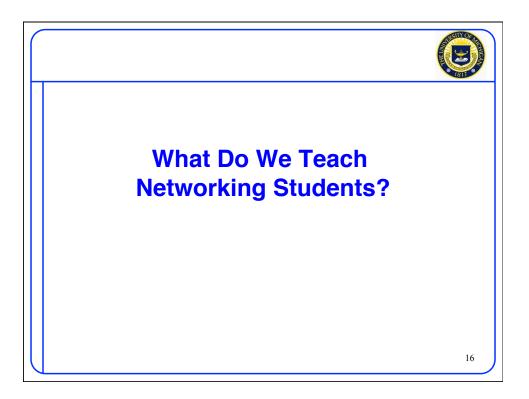




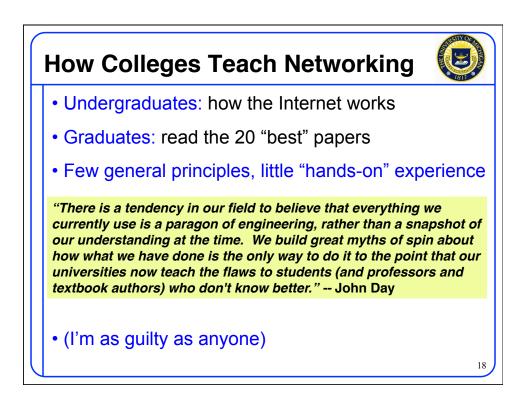




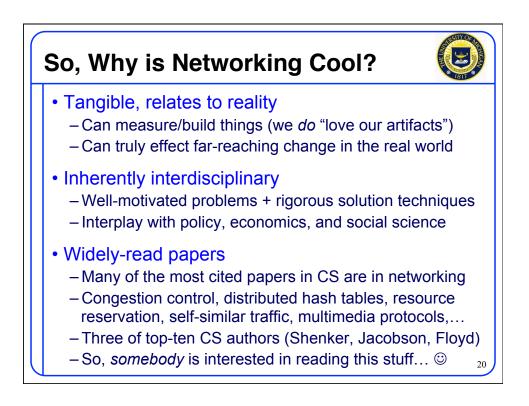


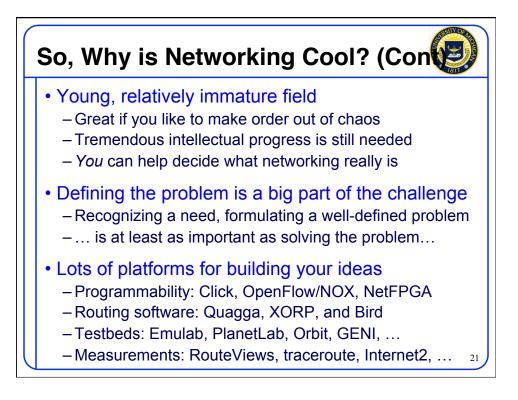


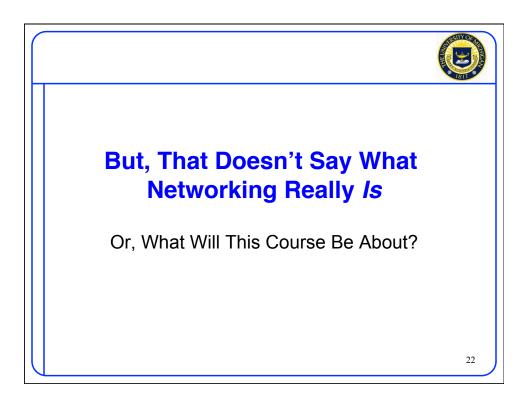


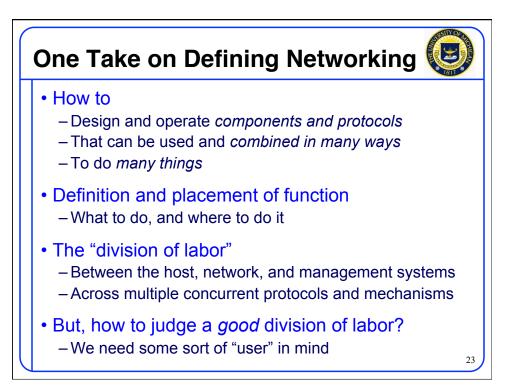


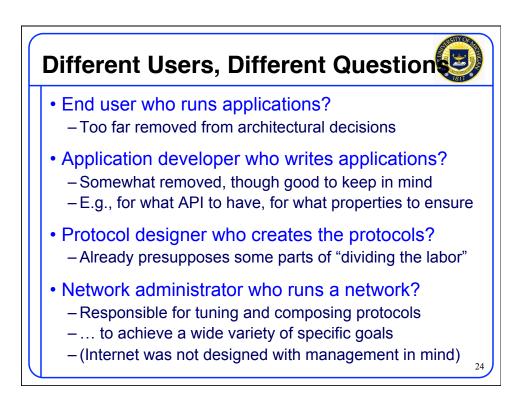


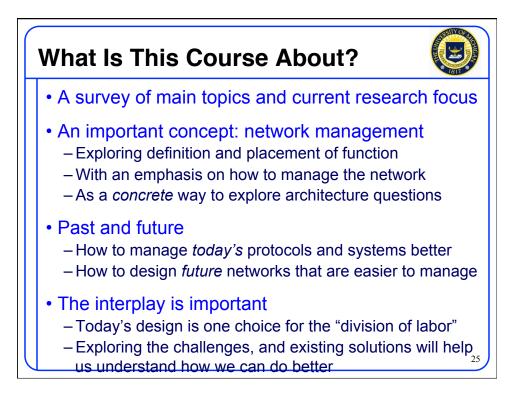


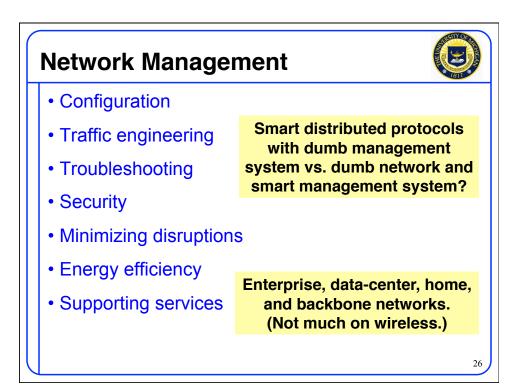


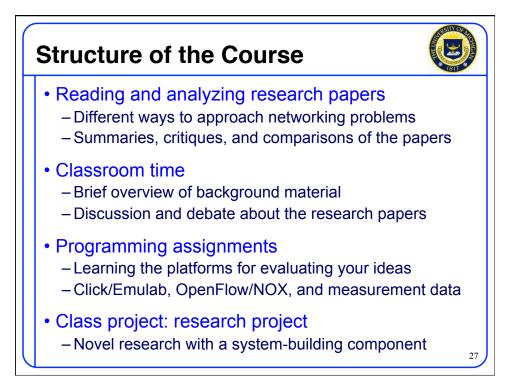


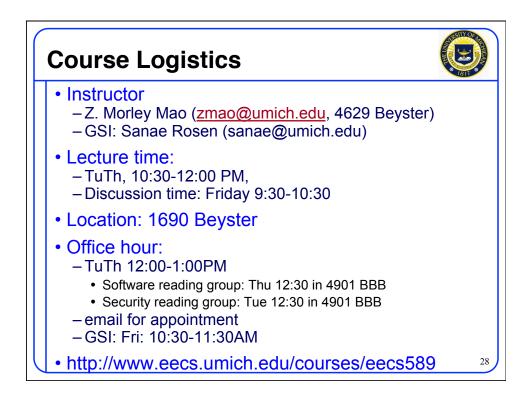






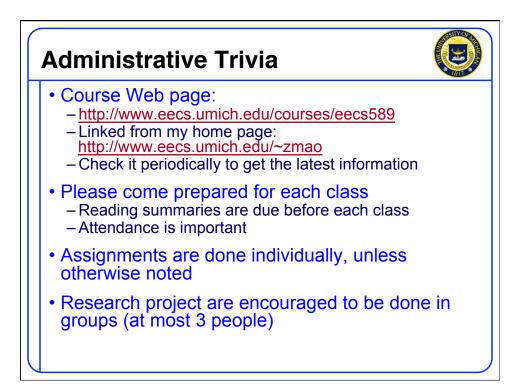


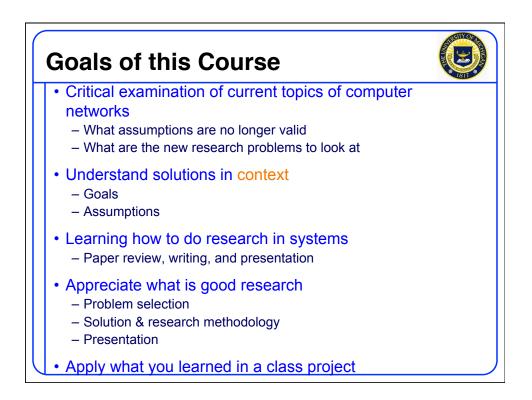


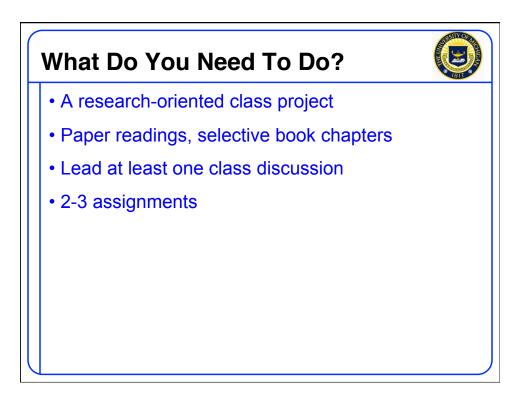


Topics Covered · Internet design philosophies and principles Internet routing, Internet AS relationships Software-defined networking (SDN) ISP traffic engineering Critical network infrastructure services · Network security: IDS, worms, and honeypots CDNs, Peer to peer and overlay networks, DHTs · Wireless networking, meshed networks, mobile systems · Sensor networking Network measurements Network security Network models · Network algorithmics: building fast networks · Networking in challenging environments Data center networking



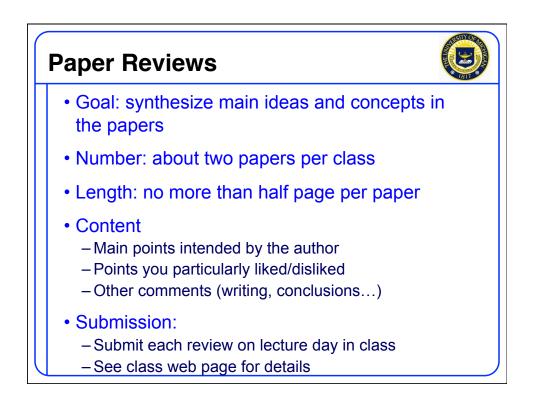




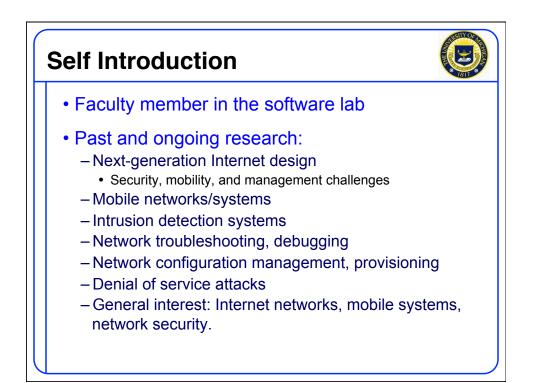


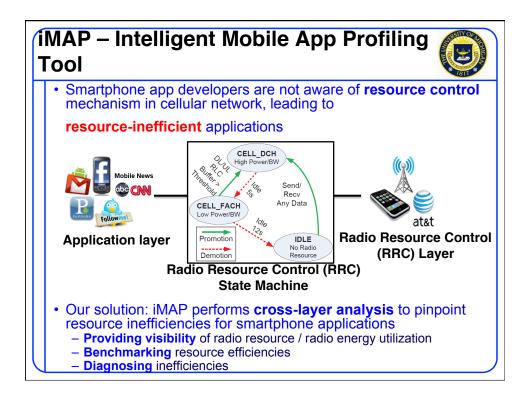


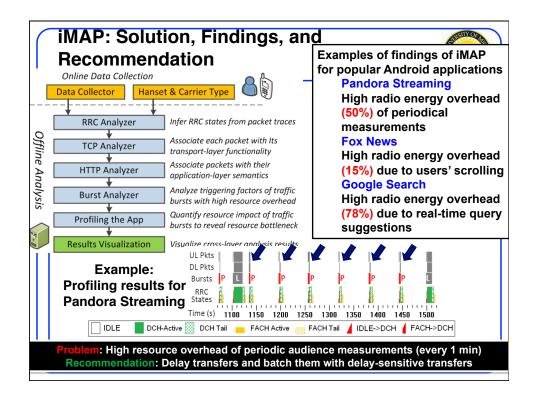


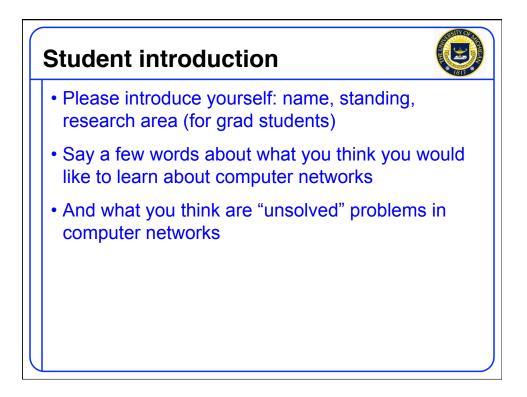


Term project	50%	
Assignments	20%	
Paper presentation	10%	
Reading summaries	10%	
Class discussion	10%	

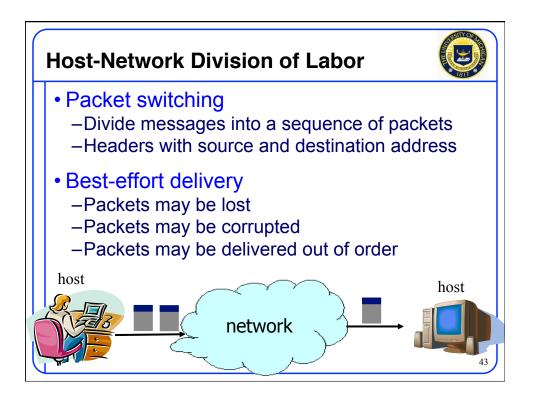


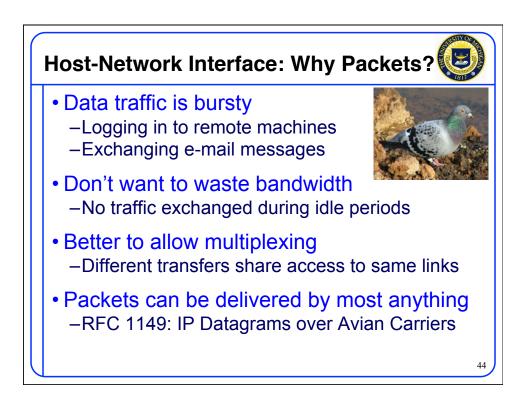




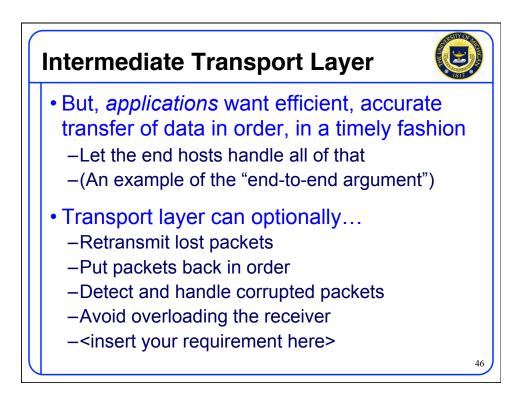


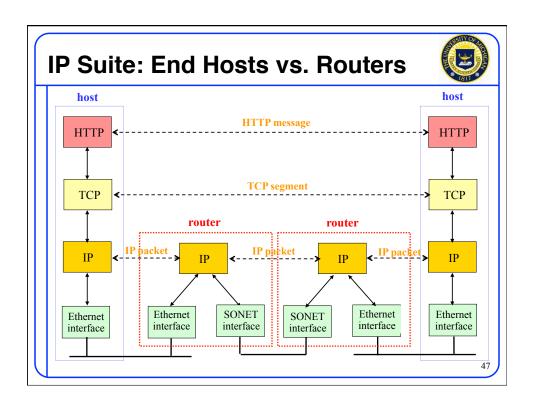


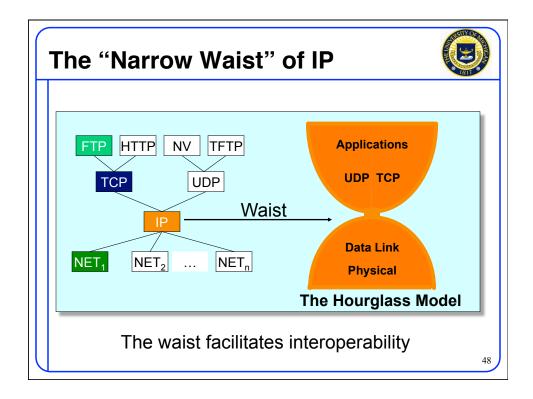


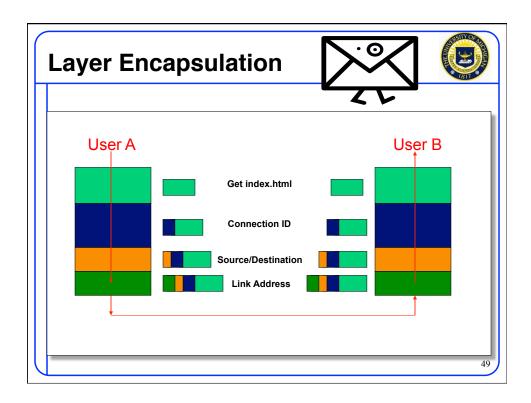


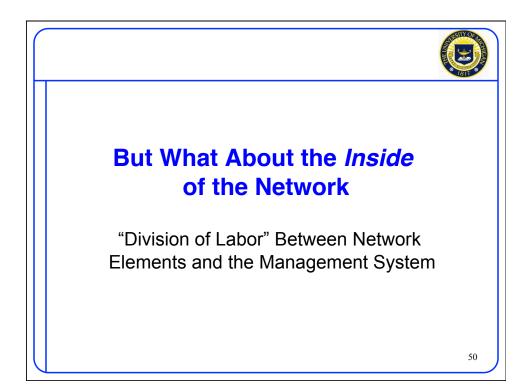


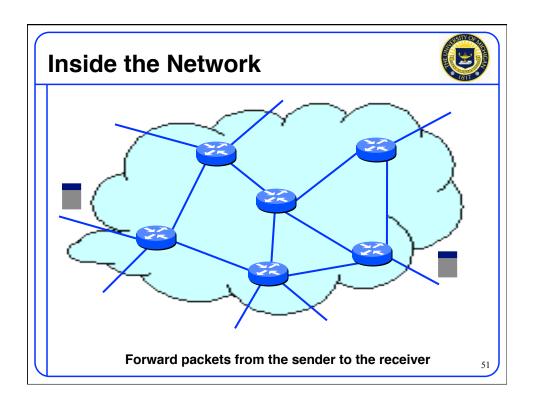


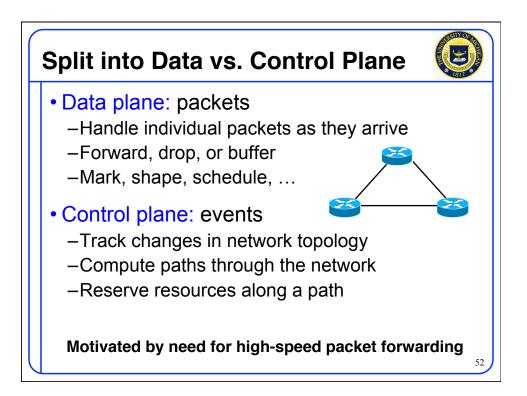


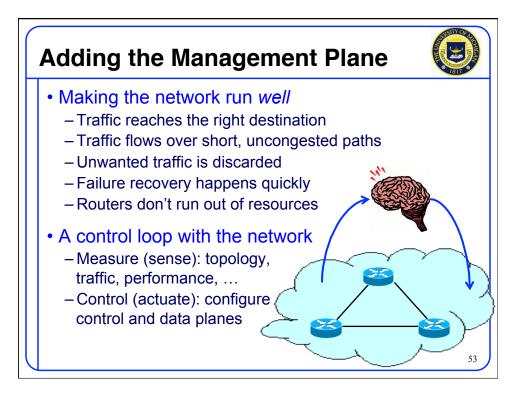


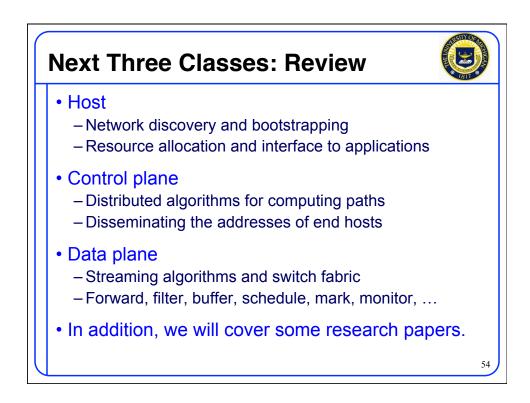




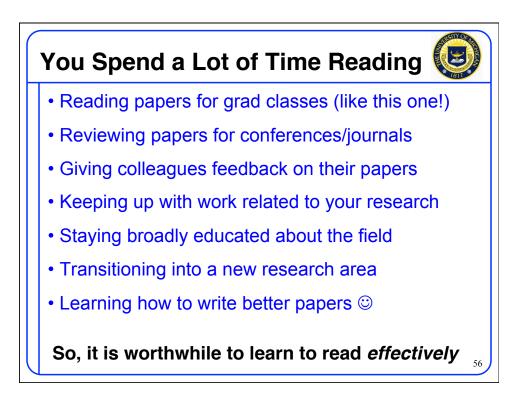


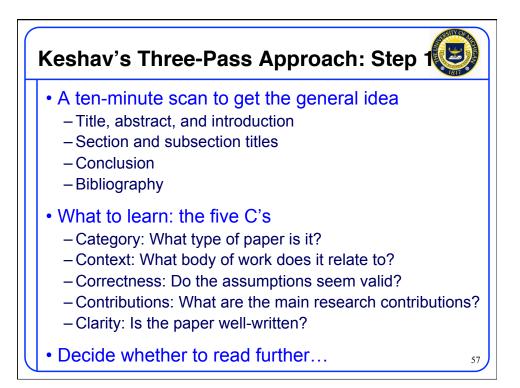


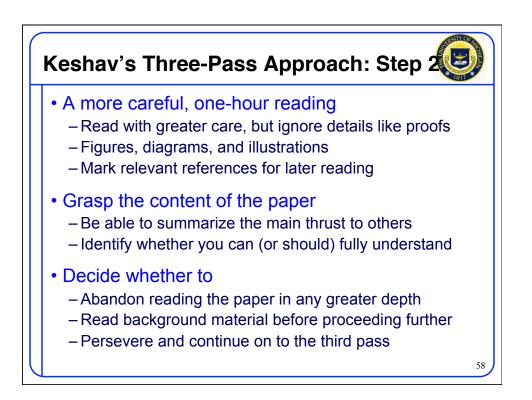


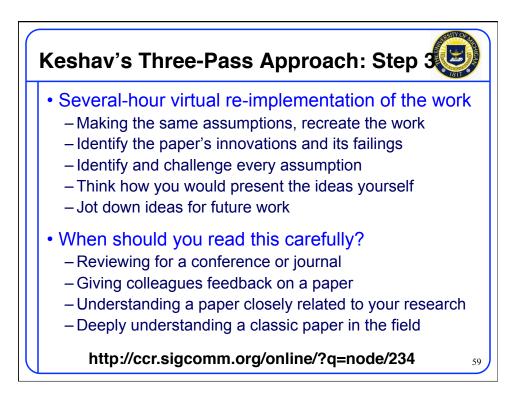


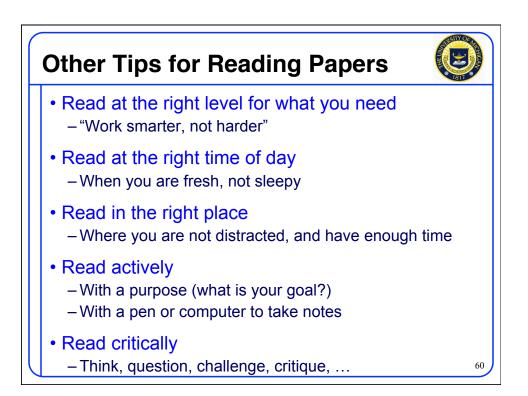






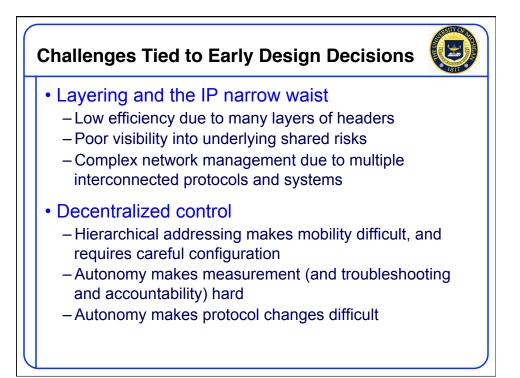


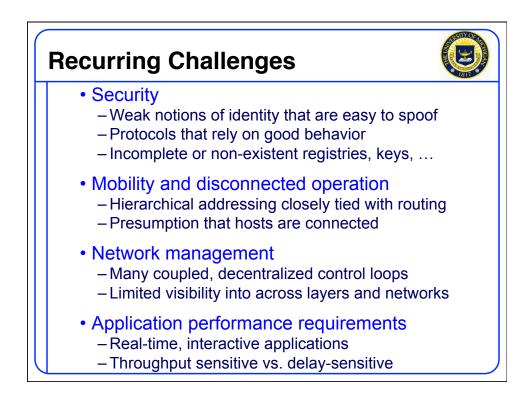


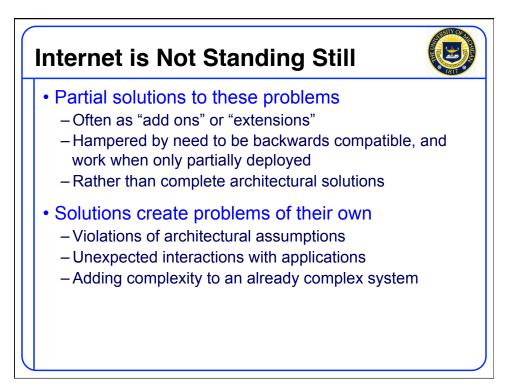


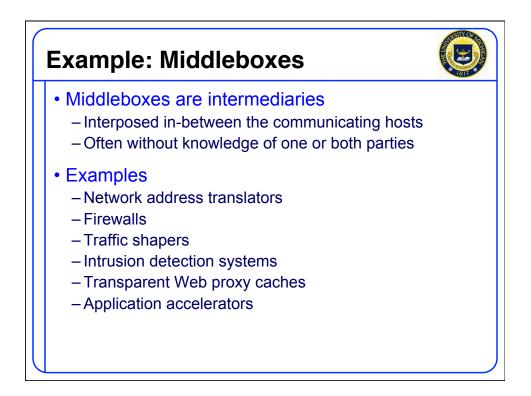


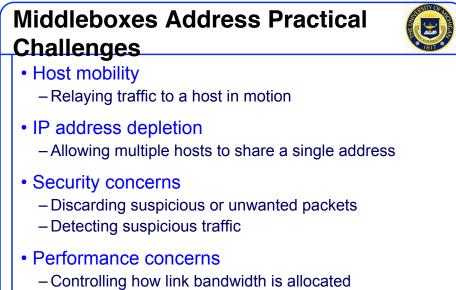












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