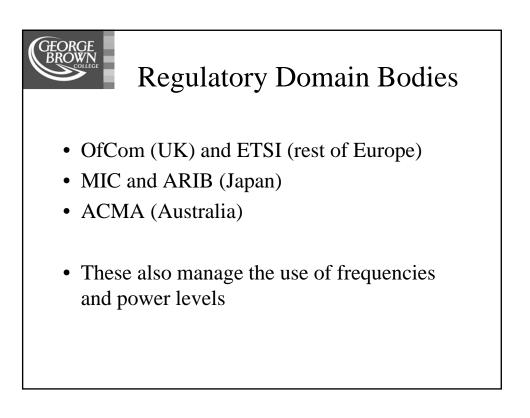
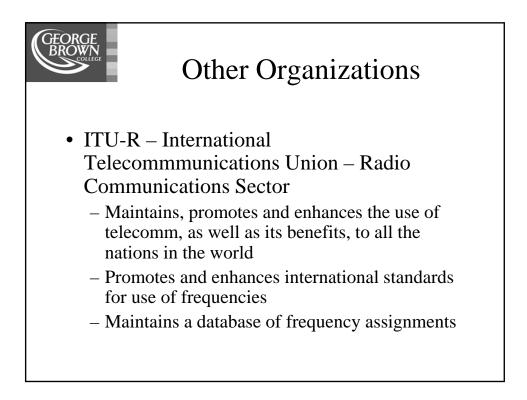
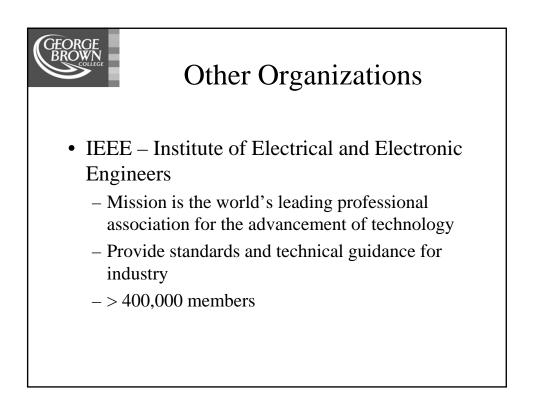


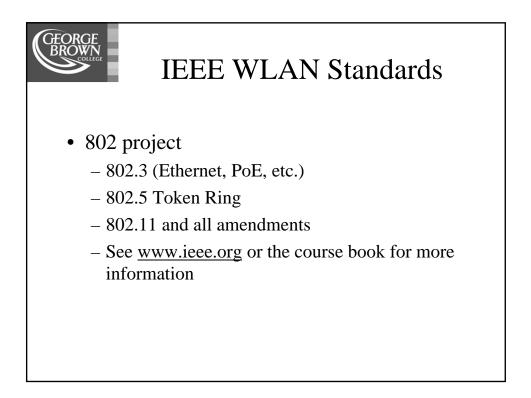
	(used for W	LANs)
Frequency Band	Total Bandwidth	License-Free Band
2400-2500 MHz	100 MHz	ISM
5.15-5.25 GHz	100 MHz	U-NII 1
5.25-5.35 GHz	100 MHz	U-NII 2
5.470-5.725 GHz	255 MHz	U-NII 3
5.725-5.825 GHz	100 MHz	U-NII 4

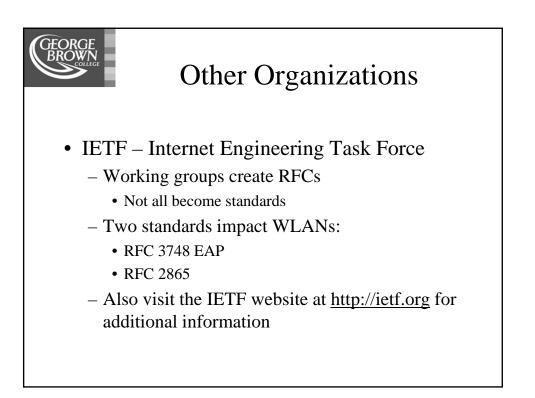
	Unlicensed Frequencies (used for WLANs)		
Band	Power Output Limits	Area Usage	
U-NII 5.15-5.25 GHz	40 mWatts	Restricted to indoor	
U-NII 5.25-5.35 GHz	200 mW	Indoor/Outdoor	
U-NII 5.470-5.725 GHz	200 mW	Indoor/Outdoor	
U-NII 5.725-5.825 GHz	800 mW	Outdoor only	

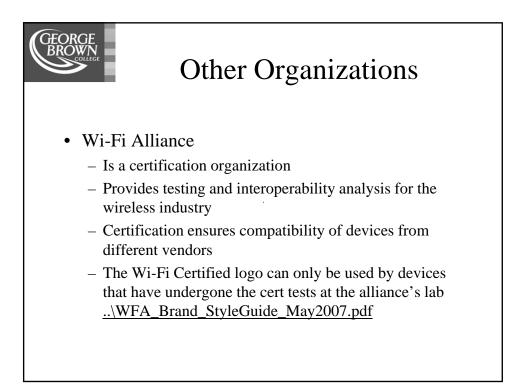


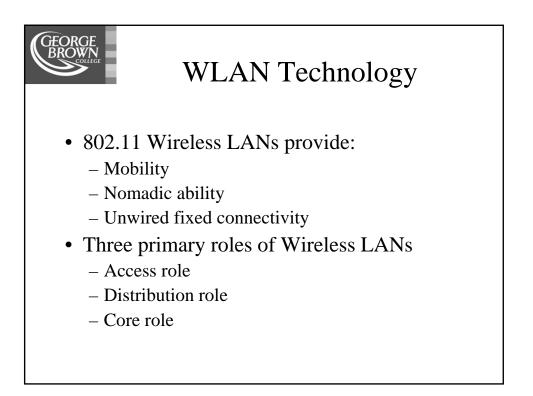


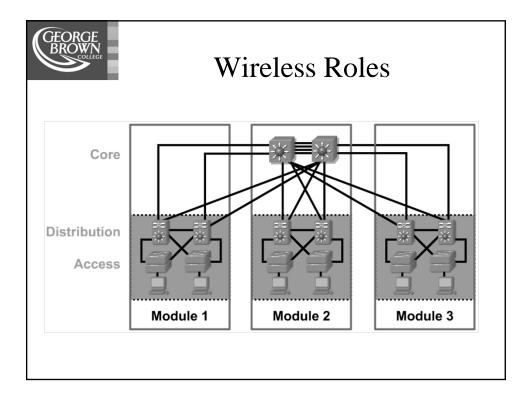


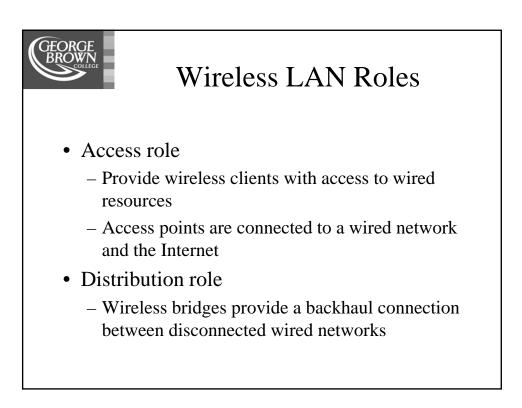


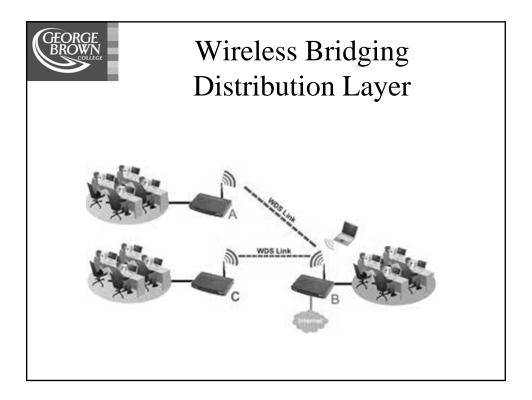


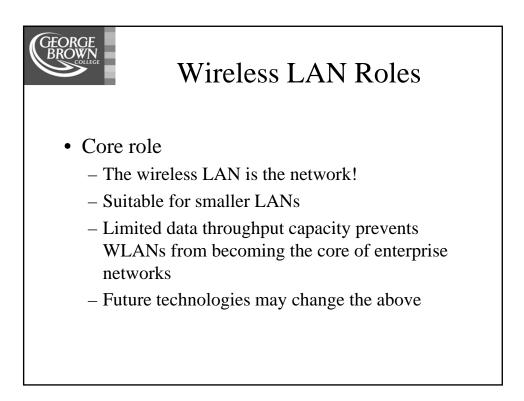


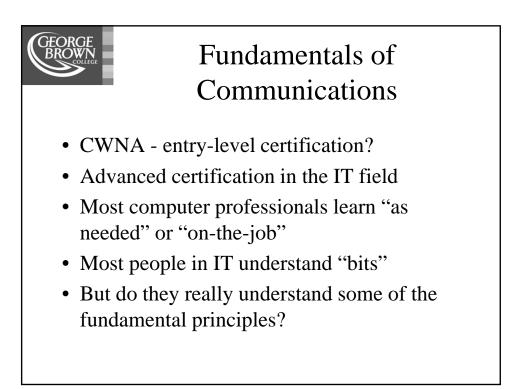


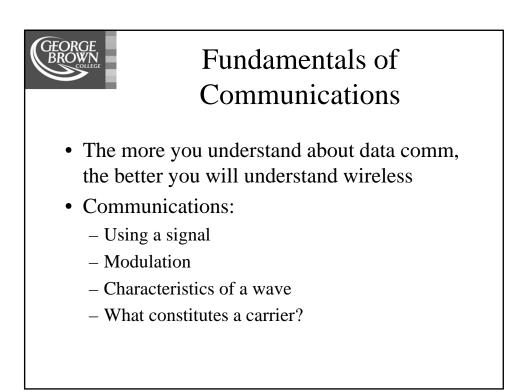


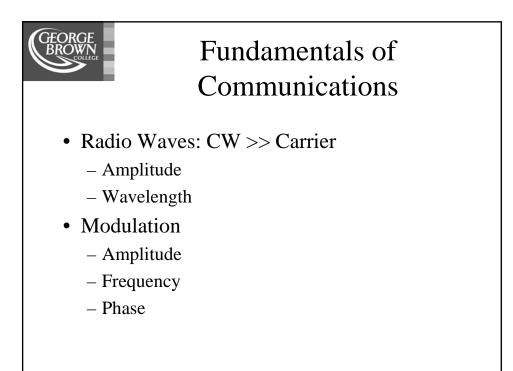


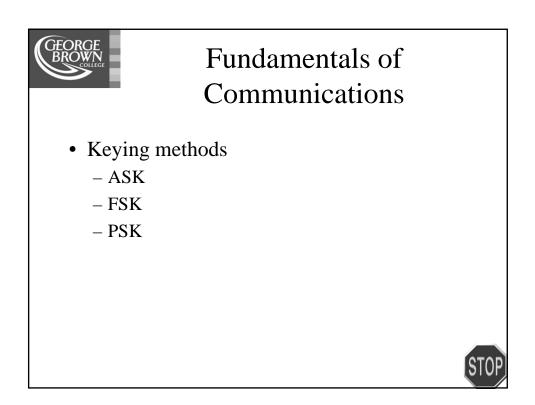












Spread Spectrum Uses				
Use	Examples	Range	Speeds	
WLAN/ Backhaul	IEEE 802.11	112 metres/375 feet to several miles	2 Mbps and higher	
WPAN	Bluetooth	1-3 metres	723 Kbps to 3 Mbps	
WMAN/ Backhaul	WiMAX and Edge	10 Kilometres	40 – 75 Mbps	
WWAN/ Backhaul	AT&T Microwave	Variable	75 – 135 Kbps estimated	

