

Lecture 1 (Nov 9, 2010)

What classes are you in? / will be in?
(+ TA responsibilities)

	1	2	3	4	
M		MES231	ITS451		
T	451	472	455		
W	MES231 319	319	ITS451	451	
R	GTS302 472	GTS302	380	380	
F		455	TU120	TU120	

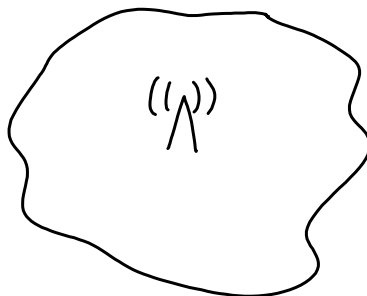
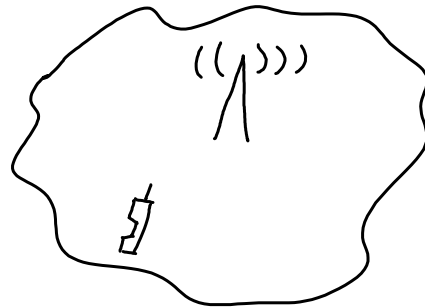
Rumor: No conflict with ITS335 anymore!?

End: History of Wireless Comm. (5) : 26

Review:

① Pre-cellular mobile communication:

- One tower per a city
- Large coverage
- High power
- blank spots



✓ ② Use cells → frequency reuse → higher capacity
→ can move btw cells without disconnected

Analog (ok with voice)

(AMPS in US)

✓ (2G) - Digital

- Many standards

- GSM
- TDMA (US)

↓

multi-mode cellphones

(3G)

(4G)