

Mobile Communications

Naptári hét	
6	An overview of the development of mobile communications systems.
7	Transmission lines and antennas
8	Essentials of Radio Wave Propagation
9	Fundamentals of cellular communications
10	The concept of multiple accesses (FDMA, TDMA, CDMA)
11	Modulation and channel coding procedures.
12	GSM system (architecture, radio interface, localization and calling, handover
13	GSM system (ciphering, frame analysis).
14	GPRS and EDGE systems.
15	3G cellular systems (UMTS/IMT-2000).
16	3G cellular systems (UMTS/IMT-2000).
17	Overview of 4-G systems
18	Midterm
19	WLAN, Bluetooth, UWB, 802.11 Basics.