

COURSE OUTLINE
(SATUAN ACARA PENGAJARAN)

Course	Komunikasi Nirkabel dan Bergerak y : 2009/2010
Course Leader	Ir. Muhamad Asvial, M.Eng., PhD E : asvial@ee.ui.ac.id W : www.ee.ui.ac.id/lecturer.php?id=asvial Mobile: 081382984852
<i>Referred Research Group and Affiliations in Elektro UI</i>	- CICER (<i>Center for Information and Communications Engineering Research</i>) www.ee.ui.ac.id/cicer - Mobile Communications Research Group
References	<ul style="list-style-type: none"> - Theodore Rappaport, “Wireless Communications: Principles and Practice”, 2nd edition, prentice Hal, 2002 - Ivan Stojmenovic, “Handbook of Wireless Networks and Mobile Computing”, John Wiley Son, 2002 - Lee, William CY., Mobile Cellular Telecommunications: Analog and Digital, others
Grading system	UTS, UAS, Assignment (35%, 45%, 20%)
General objective	Understanding the concept of wireless communication and any problems and solving in the field
Minggu 1	Introduction to Wireless and Mobile Communication
Minggu 2	Cellular Concept
Minggu 3	Business and Marketing Driving Factors
Minggu 4	BTS Technology + Assignment 1
Minggu 5	Radio Resource Management
Minggu 6	Traffic Management+Assignment 2
Minggu 7	UTS
Minggu 8	Charging I
Minggu 9	Charging II
Minggu 10	Market Trends and Future Outlook for Broadband Mobile Broadband + Assignment 3
Minggu 11	Wireless and Mobile Broadband Technology
Minggu 12	Fixed Mobile Convergence
Minggu 13	Broadband Satellite Communication +Assignment 4
Minggu 14	UAS