

COURSE OUTLINE
(SATUAN ACARA PENGAJARAN)

Course	SISTEM TELEKOMUNIKASI y : 2009/20010
Course Leader	1. 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
Benchmarks	-
References	- “Communication System and Techniques”, Misha Schwartz, a.l., IEEE Press Classic Reissue, 1996 - “International Telecommunication Handbook”, Artech House, Inc., Norwood-MA, 1996, - Others
Grading system	UTS, UAS, Assignment
General objective	Understanding the concept of telecommunications system
Minggu 1	Introduction: What is Telecommunications System
Minggu 2	Signal and Distorsion
Minggu 3	Transmission Channel + Medium (1)
Minggu 4	Transmission Channel + Medium (2) + Assignment 1
Minggu 5	AM Modulation
Minggu 6	FM Modulation
Minggu 7	Digital Modulation + Assignment 2
Minggu 8	UTS
Minggu 9	Multiple Access Technique
Minggu 10	Traffic Dimensioning
Minggu 11	IP Traffic
Minggu 12	Network (Fixed and Wireless) +Assignment 3
Minggu 13	Quality of Service
Minggu 14	Telecommunication Regulation (1)
Minggu 15	Telecommunication Regulation (2) +Assignment 4
Minggu 16	UAS