

COURSE OUTLINE
(SATUAN ACARA PENGAJARAN)

Course	KOMUNIKASI SATELIT y : 2007/2008
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	- Satellite Communication System, Barry G. Evans, 3 rd edition, IEE Press, 2000 - Mobile Satellite Communication Networks, Ray E. Sheriff, John Willey and Son, 2001. - Satellite Communication System, M. Richaria, Mc Graw Hill, 1999.
Grading system	UTS, UAS, Assignment
General objective	Understanding the concept of satellite communication
Minggu 1	Introduction: Satellite Communication
Minggu 2	Basic Satellite System
Minggu 3	Satellite System Parameters
Minggu 4	Orbital Type and Coverage
Minggu 5	Earth Station
Minggu 6	Antenna Basic (1)
Minggu 7	Antenna Basic (2)
Minggu 8	UTS
Minggu 9	Link Budget and System Planning (1)
Minggu 10	Link Budget and System Planning (2)
Minggu 11	Fixed and Mobile Satellite Networking
Minggu 12	Access Scheme in Satellite Networking (1)
Minggu 13	Access Scheme in Satellite Networking (2)
Minggu 14	Satellite System business, financing and planning
Minggu 15	Satellite System Futures
Minggu 16	UAS