EESC6392 - Propagation and Devices for Wireless Communications

EESC 6392 Propagation and Devices for Wireless Communications (3 semester credit hours) Mobile communication fundamentals, models of wave propagation, simulation of electromagnetic waves in the cellular environment, multipath propagation, compensation for fading, mobile and cell antenna designs, problems of interference and incompatibility, design of active and passive cellular components, comparison of analog and digital cellular designs. Prerequisites: EE 4301 or equivalent, and EESC 6390. (3-0) R (2016-02-06 00:20:35)