EE556 Antenna Engineering

Spring Semester 2017

Instructor: Prof. Jingook Kim

Class Time: 10:30-11:45am, Tue/Thu, 106-511

Office: 106, 501-7

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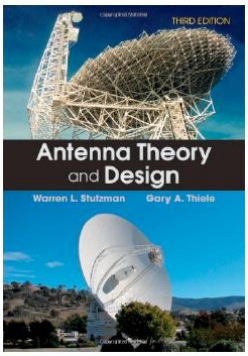
Office Hours: Scheduled by appointment

Course Content and Objectives:

This course is designed for understanding the fundamental theory of antenna used in various wireless applications. The course covers electromagnetic radiation theory, small antennas, array antennas, resonant antenna, broadband antennas, aperture antennas, and antenna synthesis theory. Practical aspects for antenna designs are also considered.

Textbook:

- Lecture Notes
- W.L. Stutzman and G.A. Thiele, Antenna Theory and Design, 3rd edition, John Wiley & Sons, 2013.
- Constantine A. Balanis, Antenna Theory: Analysis and Design, 3rd Edition, John Wiley & Sons



Reference website:

www.antenna-theory.com

Tentative Grading Policy:

Homework	TBD
Attendance	TBD
Mid-term exam	TBD
Final-term exam	TBD
Term Project	TBD