

# ECE 8676: Antenna Theory & Design II

Continuation of Antenna Theory I. Topics: Method of Moments, Geometrical Theory of diffraction, aperture and horn antennas, microstrip and low profile antennas, reflector antennas, lens antennas, dielectric and leaky-wave antennas, application of high T<sub>c</sub> superconductors to antenna systems. Review of mathematical and numerical techniques required for understanding advanced topics, modern trends in modeling and application of various antenna systems.

**Credits:** 3.0

**Prerequisites:**

ECE 8675 :C