

- **Instructor:** Prof. Shivkumar Chandrasekaran
- **Course:** Fourier Analysis For Engineers
- **Course No.:** ECE594D
- **Class Web-site:** http://www.ece.ucsb.edu/courses/ECE594D/594D_F07Shiv/default.html
- **Textbooks:**
 - *Fourier Analysis and its Applications*, G. B. Folland
 - *Fourier Series and Integrals*, by H. Dym and H. P. McKean (required)
- **Lecture Room:** Phelps 1431
- **Lecture Hours:** Mondays 9 a.m. — 11:50 a.m.
- **Office Hours:** Mondays 1 p.m. — 3 p.m.
- **My Office:** Eng. I, room 3109, x7542
- **Prerequisites:** Calculus, linear algebra
- **Homework:** Once a week. See the class web-site.
- **Finals:** Take home
- **Syllabus:**
 - Basics of real analysis
 - Hilbert spaces
 - Fourier series
 - Applications of Fourier series
 - Fourier integrals
 - Applications of Fourier integrals