COURSE INFORMATION

Instructor: Prof. Jeffrey Bokor, 508 Cory Hall, 2-4134, jbokor@eecs, www.eecs.berkeley.edu/~jbokor

Class Schedule: Tues. and Thurs. 9:30AM-11:00AM, room 299 Cory Hall

Office Hours: Check my web page for the latest schedule

Course Secretary: Chris Colbert, 642-8458, chrisc@eecs.berkeley.edu

Class Web Page: www-inst.EECS.Berkeley.EDU/~ee290f. All class information will be posted to the web page including the lecture notes handouts.

Prerequisites: Basic E&M at the level of EE117A or equivalent. You will also need basic Fourier analysis and linear system theory at the level of EE120 or equivalent, and elementary optics. See me if you have any questions.

Grading Policy: Grade will be based on a combination of approximately 6 problem sets, a take-home exam, and a project. The problem sets and exam will emphasize fundamental theory. Your project should emphasize an application or class of applications. The weighting factors:
15% problem sets, 40% exam, 45% project

BIBLIOGRAPHY

Primary text (will be available at ASUC):


Supplementary

Statistical Optics, by J. W. Goodman, (Wiley, NY, 1985). We will cover a fair portion of this book on partial coherence and effects of partial coherence on imaging systems later in the semester. ASUC has it, and I strongly recommend buying it. It will also be on reserve in the Engineering Library.