

GEORGIA INSTITUTE OF TECHNOLOGY
School of Electrical and Computer Engineering

ECE 4270A – Fundamentals of DSP
Summer Semester, 2004

Syllabus

Lecturer:

Professor B.H. (Fred) Juang
Office 1 (for office hours): Bunger-Henry Room 310
Office 2 (other times): GCATT Room 341, 250 14th Street
(404) 894-6618

Lecture Time:

MWF 1200-1310pm, Room Van Leer C457
Two holidays: May 31 and July 5

Office Hours:

Professor Juang - MW 1400-1530
GTA - TBA

Text:

Oppenheim & Schafer w/Buck, Discrete-time Signal Processing, 2nd Edition,
Prentice Hall

Prerequisites:

ECE 3075

Homework:

Selected problems will be assigned and graded every week.

Examinations and Grade Schedule:

There will be two short (20 minutes) random quizzes, two scheduled quizzes (70 minutes) and one final exam. All tests are open book test.

Quiz #1 – June 4, 2004	20%
Quiz #2 – June 30, 2004	20%
Two Random Quizzes	10%
Homework	20%
Final Exam – July 28, 2004 (2:50-5:40PM)	30%

Homework is due one week after date of assignment, before the class. Failure to turn in one set of homework will result in a) 0 credit for the particular homework, and b) an additional penalty equivalent to one half of a homework credit unit.

Other Course Information: <http://users.ece.gatech.edu/~juang>