Rutgers University
The State University Of New Jersey
College of Engineering
Department of Electrical and Computer Engineering

330:542 | Information Theory and Coding | Spring 1997

INFORMATION SHEET

- **Instructor:**
  - C. Rose, EE-122, telno: 445-5250, email: crose@mogli.rutgers.edu
- **Texts:**
  - Required: **Elements of Information Theory,** T.M. Cover & J.A. Thomas, Wiley 1991.
  - Helpful: **Information Theory and Reliable Communication,** R.G. Gallager, Wiley 1967 (out of print → check library).
  - Helpful: **The Theory of Information and Coding,** R.J. McEliece, Addison-Wesley, 1977. Terse cogent text... highly recommended for review. (out of print → check library).
- **Topics:**
  - Cover and Thomas for the most part. There's more than enough interesting stuff in there.
- **Classes:**
  - Monday, Wednesday 7:40-9:00 P.M., SEC-206 (I may need sometimes to combine two classes on one night... one long meeting per week).
- **Web Page:** http://www.ece.rutgers.edu/~crose/index542.html
- **Mailing List:** 330_542@mogli.rutgers.edu

  Please email the following information to me at crose@mogli.rutgers.edu. The bold-faced type must apprear in EXACTLY the format shown. Use hyphens as shown to separate the fields of your student ID.

  COURSE: 330:542
  NAME: John/Jane Doe
  STUDENT ID: XXX-XX-XXXX
  EMAIL: email-address
- **Office Hours:**
  - Official office hours are 1 hour before class. However, unless you make an appointment, I can't guarantee I'll be there. Use Email to make and break appointments. Also a class mailing list will be set up soon so that everyone can benefit from each other's questions and answers.
- **Examinations:**
  - Quiz 1: IN CLASS (TBA)

  - Quiz 2: IN CLASS (TBA)
  - FINAL: According to academic schedule.

- **Examination Policies:**
  - Notes **written by hand** on k 8.5 inch $\times$ 11 inch sides of paper will be allowed for examination k .
  - Questions regarding examination grades must be presented *in writing* to the instructor no more than 1 week after the examination is returned.

- **Grading:** Only absolute performance determines your grade and there will be no curve. You could all get A's or C's or F's depending upon your performance. Unlike for undergraduates, there will be no "most improved" awards or other such things. Moral: do well on the examinations.
  - Quiz 1: 30%
  - Quiz 1: 30%
  - FINAL: 40%
  - Problem Sets 0%: Problem sets will be assigned periodically. They will not be graded but will be returned with solutions. Information theory has classically been a very difficult topic for students. Why? I'm not exactly sure. This is a not so subtle warning that NOT DOING THE PROBLEM SETS will almost certainly cause FAILURE OF THE EXAMINATIONS.
  - Miscellaneous: For a graduate student seeking a doctorate, a grade of C is considered failing.