

EE 544 (MWF 10:30-11:20)  
Digital Communications  
Fall 2013  
General Information

Prerequisites: EE 440 or graduate standing (linear systems theory, basic probability and random processes).

Staff:

job	name	office	phone	login
lecturer	James V. Krogmeier	MSEE 338	765-494-3530	jvk@ecn.purdue.edu

Office Hours for J. V. Krogmeier: MW 11:30 to 12:20

Text: M. B. Pursley, *Introduction to Digital Communications*, Pearson Prentice-Hall, 2005 (ISBN 0-201-18493-1).

Web site: Hosted by Rhea.

- Homework:
- Every other week (approximately).
  - Turn in during class or by 5:00 pm on the date due (box in window of MSEE 330).
  - Questions posted on the web.
  - Solutions posted on the web.
  - Grading: Problems will be checked off as having been attempted.
  - You may consult with others or references but turn in your own work, written by your own hand (you may scan your original work to pdf).

- Exams:
- Two 90 minute evening exams:
    - Monday, October 14, 2013, 6 – 7:30 p.m. in EE 226.
    - Monday, November 11, 2013, 6 – 7:30 p.m. in EE 226.
  - A two-hour final during finals week.
  - All exams will be closed book. Typically some tables and equations will be provided on the exam itself.
  - The exact material to be covered will be announced about one week before the exam.

Grades: The final grade is computed as:

$$\text{final grade} = .10 * \text{homework} + .25 * \text{sum of hour exams} + .40 * \text{final exam}.$$

Notice: In the event of a major campus emergency, course requirements, deadlines and grading procedures are subject to changes that may be necessitated by a revised semester calendar or other circumstances beyond the instructor's control. In such an event information will be made available via the course web page and email.

Cheating: The School is very concerned about cheating. The following is from a January 1999 School statement on academic dishonesty:

The Purdue community expects every member of the community to practice honorable and ethical behavior both inside and outside the classroom. Any actions that might unfairly improve a student's score on homework, quizzes, examinations, or labs will be considered cheating and will not be tolerated.

**Homework:** The only requirement is that whatever you turn in is something that you wrote up (by hand or by computer) yourself. Working in groups is fine. There are lots of solutions around. However, if you can't work these problems by yourself then you will find that the exams are very hard. Furthermore, the only way to make sure that you can work them by yourself is to actually work them by yourself. This is a variation on the adage: "no pain, no gain"! If you have questions please ask.

**Exams:** The list of things not to do includes, but is not limited to:

- (a) Share results or other information during an exam.
- (b) Bring forbidden notes or devices to an exam.
- (c) Work on an exam before or after the official time.
- (d) Share questions, results, answers, or other information with someone who has not yet taken the exam.
- (e) Request a regrade of work that has been altered.

If you have questions please ask.

At the instructor's discretion, cheating on an assignment or examination will result in a reduced score, a zero score, or a failing grade for the course. All occurrences of academic dishonesty will be reported to the Assistant Dean of Students and copied to the ECE Assistant Head for Education. If there is any question as to whether a given action might be construed as cheating, please see the instructor or the teaching assistant before you engage in any such action.