

PURDUE UNIVERSITY
School of Electrical and Computer Engineering
ECE 679 Advanced Digital Communications
Class Information
Spring 2016

Prerequisites: ECE 600 (or equivalent)

Instructor: Prof. David Love
           MSE 360
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Course Web Site: http://www.ece.purdue.edu/~djlove/ECE679

Lecture Schedule: TTh 4:30-5:45PM in EE 226

Help/Office Sessions:
T 10:30-11:30AM (Office Hours)
W 2:00-4:00PM (Office Hours)

Recommended Text:
Fundamentals of Wireless Communications, 1st Edition, D. Tse and P. Vishwanath,
Cambridge, 2005, ISBN No. 0521845270

Homework:
There will be homework assigned roughly every two weeks that will be collected, graded, and
returned to you along with a copy of the solutions. Only a subset of the problems may be
graded. Homework is due at the beginning of class on the date indicated so that solutions can
be handed out in class. For your own benefit, please attempt the problems before consulting
your friends or myself. In any case, the final write-up of the homework must be your own.

Exams:
There will be one in-class one-hour exam. The exam will be closed book, no crib sheet, and
no calculator. However, some tables or formulas may be provided. The date for the exam will
be given and cannot be changed. Please schedule your plant trips and interviews so that they
do not conflict with this date. No exams can be taken early. The exam topics will cover
through the lecture one week before the exam date (i.e. topics discussed on or before the
Friday before the exam). The exam will typically contain four problems. The material that the
exam tests for will be discussed before the exam. Graded exams will be returned within 3-4
class periods of administration.
**Regrades:**
Regrade requests on any graded exercise must be submitted in writing within one week of the date when the material was returned to you. After this time, no further change in grade will be considered. When you return your paper for a regrade, please attach a dated sheet to the front, indicating where you think that your paper was graded incorrectly.

**Grades:**
The final grade is computed as:
- Homework 15%
- 1 Hour Exam 40%
- Final Project 45%
Plus-minus grading will not be used.

In the event of a major campus emergency, course requirements, deadlines, and grading percentages are subject to changes that may be necessitated by a revised semester calendar or other circumstances. You can obtain information about changes in the course by contacting me by email. I will also send out information using the class email list.

**Cheating:**
Purdue University takes cheating VERY seriously. Any actions that might unfairly improve a student’s score on homeworks, quizzes, or exams will be considered cheating and will not be tolerated. Examples of cheating include (but are not limited to):

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. Most of the problems are exam type problems. This means that:
1. Solutions are probably available to the exact problem or similar problems.
2. If you can not work these problems by yourself, you will find the exam extremely hard. It is better to challenge yourself on homeworks than on exams.

Exams: The list of things not to do includes, but is not limited to:
1. Share results or other information during an exam.
2. Bring forbidden notes, computers, calculators, or other devices.
3. Work on exam before or after official time.
4. Request regrade for work that has been altered.