Portland State University

Spring 2011

ECE 462/562: Communication Systems Design II (4 Credits)

- Class schedule: T & Th: 4:40 6:30 PM
- Office hours: T & Th: 3:30 4:30 PM
- Instructor: Prof. Fu Li, Ph.D., P.E.
- FAB 160-10, 5-3824 or fli@ece.pdx.edu
- TA: TBD

Textbook

• Introduction to Communication Systems, 3rd edition, by Ferrel G. Stremler, Addison Wesley, PSU Bookstore.

References

- Modern Digital and Analog Communication Systems, 2nd edition, by B. P. Lathi, HRW, 1999.
- Contemporary Communication Systems Using **Matlab**, by J. Proakis and M. Salehi, PWS, 1998

Course descriptions

• Study of the relative merits of communication systems, noise in continuous wave and pulse modulation schemes, information theory, digital data systems, and advanced topics.

Prerequisite

• ECE 461/561: Communication Systems Design (I), or equivalent.

Grading policy

- Final grade will be based upon: Quiz-1 25% and Quiz-2 25% and final exam 50%.
- Lecture notes and solutions to the assigned homework are available at Clean Copy.
- Attendance of ECE 462 students is required.

Have fun!