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

- Class schedule: T & Th: 4:40 6:30 PM, CSE 163
- Office hours: T & Th: 3:30 4:30 PM
- Instructor: Prof. Fu Li, Ph.D., P.E.
- FAB 160-10, 5-3824 or <u>lif@pdx.edu</u>
- TA: TBD

# Textbook

• M F Mesiya, "Contemporary Communication Systems", 1st ed./2012, 978-0-07-338036-0, McGraw Hill.

### References

•Contemporary Communication Systems Using Matlab, by J. Proakis and M. Salehi, PWS, 2008

• Modern Digital and Analog Communication Systems, 4th edition, by B. P. Lathi, HRW, 2009.

# 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!