

EE 365 Assignment # 6

(Spring 2022 – **Due in first 5 mins of Lecture on Thursday, June 23, 2022**)

Print out this cover page and attach above your hand-written, legible submission.

Name: _____

Reg #: _____

Total Points	P1 (10)	P2 (10)	P3 (10)	P34 (10)	P5 (10)	Grand Total (50)
Obtained Points						

- You may consult TA during his office hours for any queries. No TA Session is expected to be held before submission deadline.
- Late Submission Policy advertised with Assignment 1 applies.
- Please work out all problems stated below – LD refers to the text: B,P. Lathi and Z. Ding, Modern Digital and Analog Communication Systems (**Fourth Edition**), Oxford University Press, Oxford (UK), 2009
- E.g., Exercise 2.1-1 (LD) refers to Exercise 1 for Section 2.1 of LD.
- Show work and explain reasoning. Solve the problems in the order they are given below.

Problems:

- Problem 6.1-5 (LD)
- Problem 6.2-2 (LD)
- Problem 6.2-6 (LD)
- Problem 6.2-9 (LD)
- Problem 6.7-1 (LD)

Optional Practice Problems (wont't be marked):

- Problem 6.1-2 [d,e] (LD)
- Problem 6.2-3 (LD)
- Problem 6.2-5 (LD)