

EE 365 Assignment # 4-5 (Spring 2022)

- **Due in first 5 mins of Lecture on Tuesday, June 14, 2022**
- **MUST: Print out this cover page and attach above your hand-written, legible submission.**
- **You should expect quizzes in the week starting June 13, 2022.**

Name: _____

Reg #: _____

Total Points	A4 (50)	A5 (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 the 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
Available online at :
<https://archive.org/details/ModernDigitalAndAnalogCommunicationSystems/page/n1/mode/2up>
- 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 (Assignment 4):

1. Problem 5.1-2 (LD)
2. Problem 5.2-2 (LD)
3. Problem 5.2-5 (LD)
4. Problem 5.3-2 (LD)
5. Problem 5.4-2 (LD)

Problems (Assignment 5):

6. Problem 5.6-1 (LD)
7. Problem 5.6-2 (LD)
8. Problem 4.10 (Agbo & Sadiku)
9. Problem 4.13 (Agbo & Sadiku)
10. Problem 4.18 (Agbo & Sadiku)