

## EE 365 Assignment # 2 [CLO 2]

(Spring 2022 – **Due on April 5, 2022** )

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

Name: \_\_\_\_\_

Reg #: \_\_\_\_\_

Total Points	P1 (10)	P2 (10)	P3 (10)	P4 (10)	P5 (10)	P6 (10)	P7 (10)	P8 (10)	Grand Total (80)
Obtained Points									

- Late Submission Policy applies.
- Please work out all problems stated below
- “Agbo & Sadiku” refers to the text: [Principles of Modern Communication Systems by Agbo and Sadiku, Cambridge University Press, 2019](#). E.g., Problem 2.32 (Agbo & Sadiku) refers to Exercise 32 of Chapter 2 in this book.
- Show your work and explain reasoning. Solve the problems in the order they are given below.

### Problems:

1. Problem 2.4 [all parts] (Agbo & Sadiku)
2. Problem 2.5 [all parts] (Agbo & Sadiku)
3. Problem 2.14 (Agbo & Sadiku)
4. Problem 2.19 (Agbo & Sadiku)
5. Problem 2.23 (Agbo & Sadiku)
6. Problem 2.31 (Agbo & Sadiku)
7. Problem 2.38 [all parts] (Agbo & Sadiku)
8. Problem 2.42 (Agbo & Sadiku)