**CSC 3110**

**Algorithm Design and Analysis**

(30 points)

Due: 02/14/2024 11:59 PM﻿﻿﻿

**Note:** **Submit answers in PDF document format. Please read the submission format for appropriate file naming conventions.**

1. Exercises 2.4: Problem 3 (part a & b) (2 points)
2. Exercises 2.5: Problem 8 (2 points)
3. Exercises 2.6: Problem 2 (parts a-c) (2 points)
4. Exercises 3.1 Problem 12 (parts a-c) (2 points)
5. Exercises 3.2 Problem 5 (parts a-c) (2 points)
6. Exercises 3.4 Problem 3 (2 points)
7. Exercises 3.5:
   1. Problem 4 (2 points)
   2. Problem 8 (part a & b) (2 points)
8. Exercises 4.1 Problem 6 (2 points)
9. Exercises 4.2
   1. Problem 5 (2 points)
   2. Problem 9 (parts a-c) (2 points)
10. Exercises 4.3
    1. Problem 7 (2 points)
    2. Problem 10 (2 points)
11. Exercises 4.4
    1. Problem 1 (2 points)
    2. Problem 4 (2 points)