**CSC 3110**

**Algorithm Design and Analysis**

(30 points)

Due: 02/28/2024 11:59 PM﻿﻿﻿

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

1. Exercises 5.1:
   1. Problem 1 (parts a - d) (2 points)
   2. Problem 5 (parts a - c) (2 points)
2. Exercises 5.2:
   1. Problem 8 (2 points)
   2. Problem 10 (2 points)
3. Exercises 5.3:
   1. Problem 2 (2 points)
   2. Problem 5 (parts a - c) (2 points)
4. Exercises 5.4:
   1. Problem 3 (part a & b) (2 points)
   2. Problem 5 (2 points)
5. Exercises 6.1
   1. Problem 1 (part a & b) (2 points)
   2. Problem 2 (part a & b) (2 points)
6. Exercises 6.3
   1. Problem 4 (parts a- c) (2 points)
   2. Problem 7 (part a & b) (2 points)
7. Exercises 6.4
   1. Problem 1 (parts a- c) (2 points)
   2. Problem 5 (part a & b) (2 points)
   3. Problem 7 (parts a- c) (2 points)