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Course: MAT 314

Instructor: Olakunle Abawonse

Office: WH 310

Tentative Office hours: MWF (1-2 pm) WH235

Textbook for the class: Discrete Mathematics and its Applications by Kenneth H. Rosen (Eighth Edition)

Grading:

Homework, Quizzes and class participation: 20%

Exam 1: 25%

Exam 2: 25%

Final: 30%

Tentative Course Schedule:

Week 1,2: The Foundations: Logic and proofs, sets and functions (CH1, CH2(2.1, 2.2,2.3))

Week 3: Number Theory and Cryptography (CH 4)

Week 4: Sec 2.4, Induction and Recursion

Feb 24: Exam 1

Week 6,7: Enumerations Techniques: Section 2.5, CH 6 - CH 8

Week 8: CH 8, Functions and Relations

Week 9,10, 11: Graphs and Trees

April 15: Exam 2

Week 12 - 13: Trees (continued) and (Modeling Computation)CH 13

exercise 1

online lecture slide 1

online lecture slide 2

online lecture slide_3

online lecture slide 4

online lecture slide_5

online lecture slide: Bipartite Graphs

Lecture 04/13

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