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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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