

Important Fall COT 3100 Sec 1 Final Exam Information

Exam Date and Time

Date: Tuesday, December 3, 2024

Time: 10:00 am – 12:50 pm

Location: NSC-101

NOTE THE EARLIER START TIME!!!

Exam Aids

1. Three sheets of pre-prepared notes, either handwritten or typed (11" x 8.5"), both sides. **(Bring This)**

2. Calculator **(Bring This)**

3. Exam #1 Formula Sheet (will be provided)

Exam Format

ONLY FOR THOSE WHO DON'T HAVE 25 for FEA

10:00 am – 10:35 am Part A (25 points)

REQUIRED PARTS TO PASS COURSE

10:40 am – 12:50 pm Part B (100 points)

FORMAT: All Free Response

Topics on Each Part

Part A(25 pts): Relations, Functions

Part B (100 pts):

| | |
|--------------------------|-----------|
| Logic, Sets, | (~20 pts) |
| Number Theory, Induction | (~30 pts) |
| Counting, Probability, | (~30 pts) |
| Recitation Topics | (~20 pts) |

How To Study

Go over past notes, scanning for definitions/symbols you may have forgotten. Key to make sure you understand all terms, etc. before you start digging into doing problems.

Look over your past exams and homework assignments, highlighting areas that you might not understand quite as well.

After reviewing notes in those areas, redo problems from exams or homework you did not properly solve. Look over solutions and try to check your work.

Look over past problems and try to draw meaningful connections about when certain techniques tend to be useful and the underlying structure of certain types of proofs.

Certain problem types simply come down to memorizing algorithms (things like the Extended Euclidean Algorithm), spend the time to get these down cold.

Practice on old questions from my archive in the areas you think you need the most practice on.