

## Important Fall COT 3100H Sec 201 Final Exam Information

### Exam Date and Time

Date: Thursday, December 5, 2024

Time: 7:00 am – 9:50 am

Location: BA1-205

***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**

7:00 am – 7:35 am Part A (25 points)

**REQUIRED PARTS TO PASS COURSE**

7:40 am – 9:50 am 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.**