

# What you should know about the SEF Midterm

## Environment

- It will take place on
  - **October 31 from 9:00am to 11:50am in the normal class room**
- No one can leave the exam before 30 minutes has passed
- No one can enter the exam after 30 minutes has passed
- You may be assigned seats
- The regular rules regarding food and drink apply
- ***You are allowed a double-sided 8.5" X 11" Cheat Sheet***
  - It must be handwritten and the font must be no smaller than an equivalent of 10-point Arial font
  - No further printing or photocopying reductions are allowed

## Material Covered

- Any material covered in the course from the start of the course until the end of the *Even More Code Design* module (i.e. Modules 01 through 07)
- This includes, **but is not limited to:**
  - Requirements and the SRS, Characteristics of a Good SRS
  - Use Cases (diagram and description – how to create, write and draw them)
  - GUI Design and examples
  - Code Design, Routine Design, Defensive Programming, Variables, Desirable Characteristics of S/W (while designing)
- It is expected that you have done the assigned reading
- The midterm focuses on 2 aspects of your time in SEF :
  - It will assess your general knowledge of the many topics covered in the course, **and as well**
  - It will focus on your **understanding** the material, not just regurgitating – you should be able to **apply** your knowledge as well

## The Format of the Exam

- The short-answer questions will require you to apply your understanding of a concept to a situation, clearly explain what a concept means, etc.
  - list something & give example
  - give example & describe something & explain a hypothetical situation
  - list something & explain a hypothetical situation

Here is an example of a question from a previous Midterm

### Question B2 (5 marks)

A User Interface (UI) design principle is "relieve short-term memory".

a) What is meant by this principle?

[Marks 2]

b) Give an example where this principle is important in the design of a user interface for a telephone. Explain why.

[Marks 3]