IT5004 ENTERPRISE SYSTEMS ARCHITECTURE FUNDAMENTALS

COURSE INTRODUCTION

SEMESTER 2 2023/24

INSTRUCTOR

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Message me on Microsoft Teams

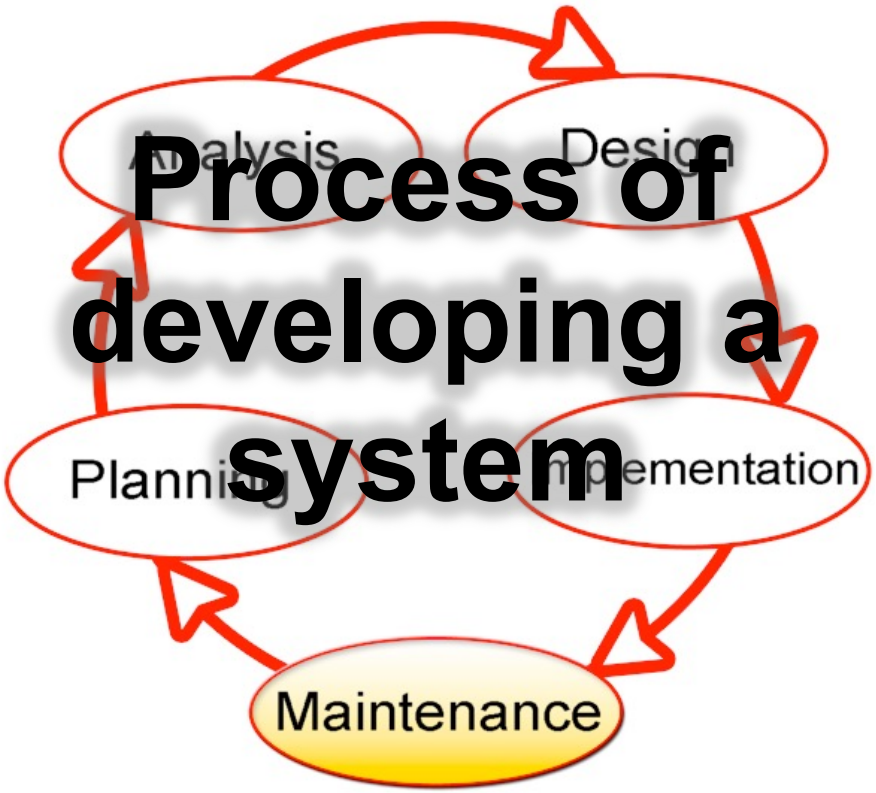
SOME HOUSE RULES

Turn mobile phones to silence mode

Avoid talking in class unless answering questions/having discussions

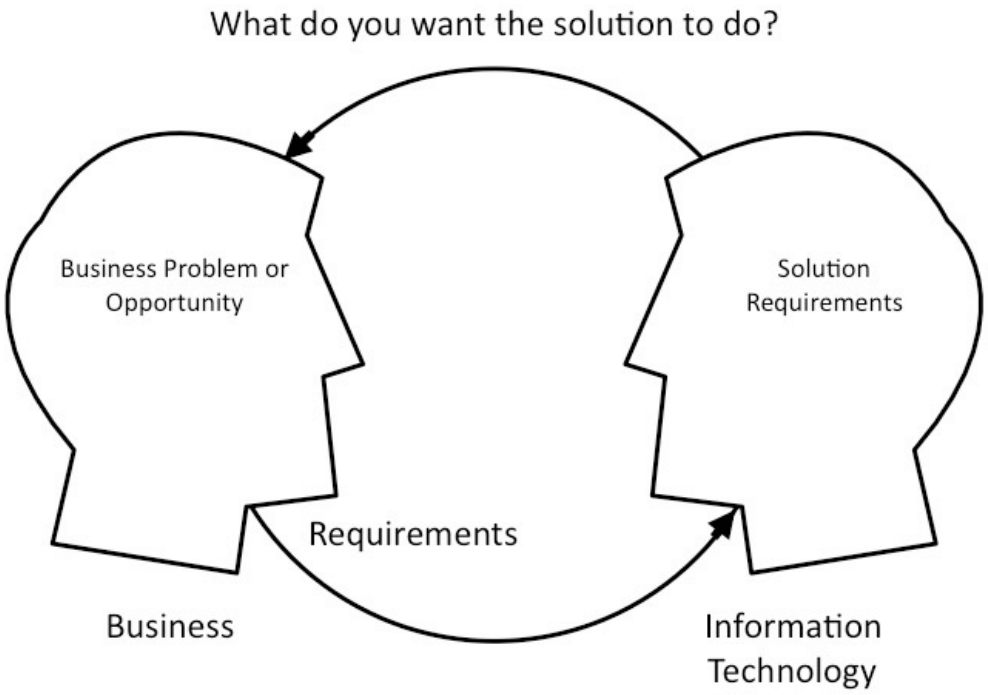
COURSE OBJECTIVES AND OVERVIEW

Systems Development Life Cycle (SDLC)



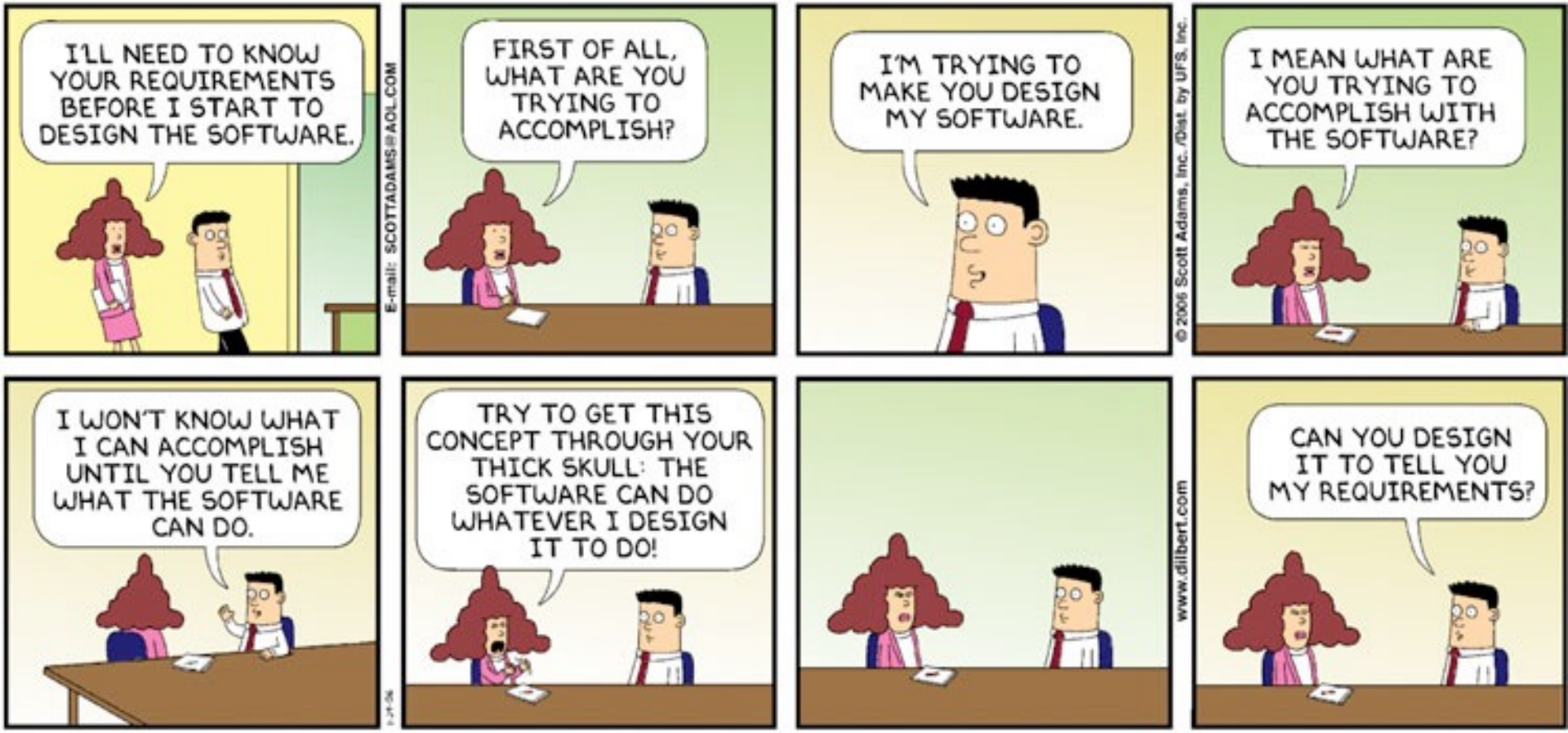
COURSE OBJECTIVES AND OVERVIEW

Requirement Gathering/Analysis etc



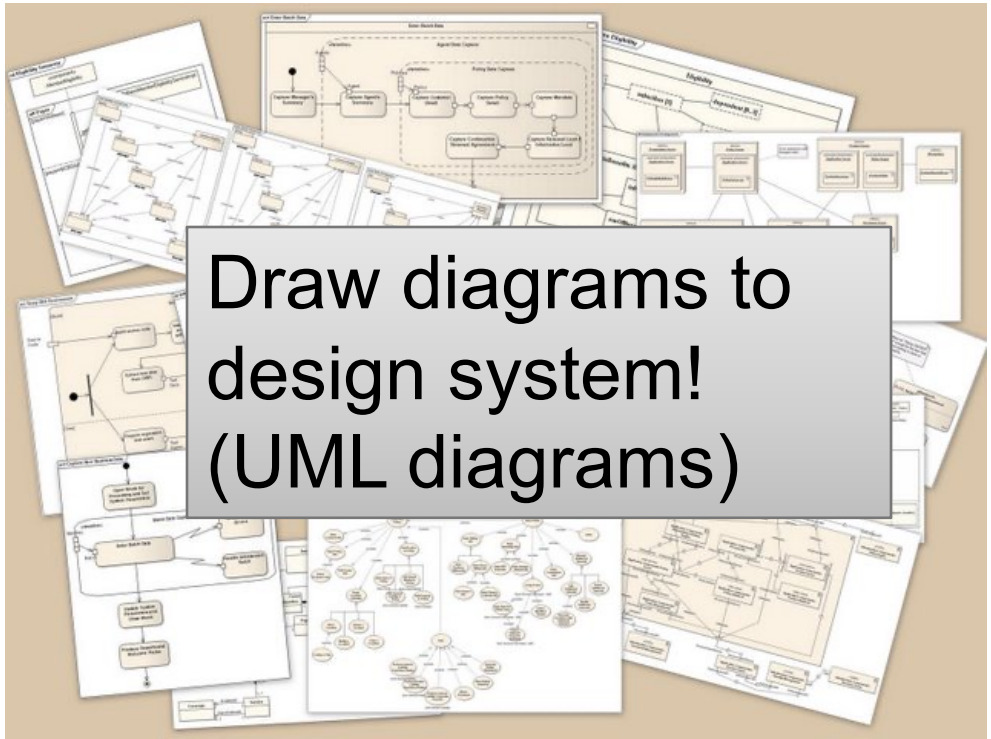
DILBERT®

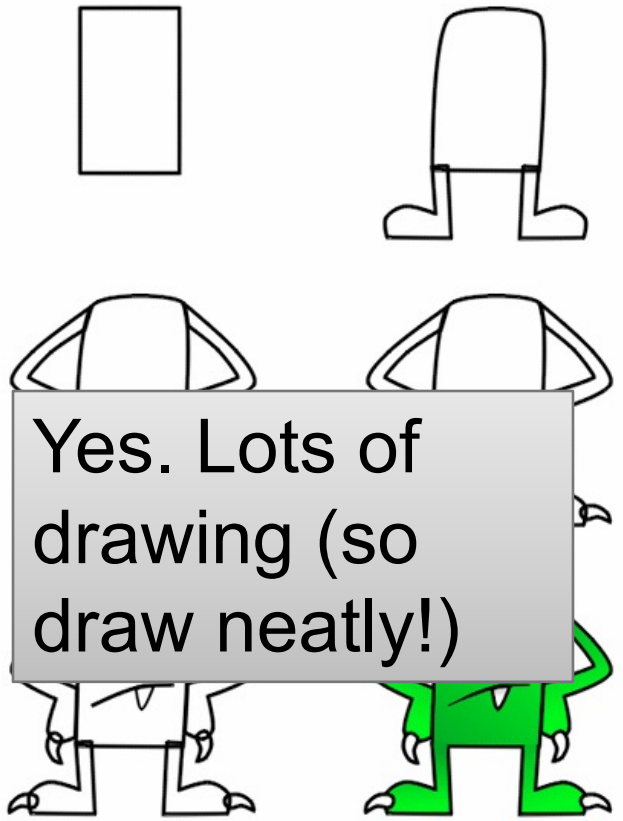
BY SCOTT ADAMS



COURSE OBJECTIVES AND OVERVIEW

Enterprise System Design





PROGRAMMING?

While this course is not really about coding, based on previous semesters feedback, some have requested to have more elements of coding so will try to include more code examples this semester

COURSE OBJECTIVES AND OVERVIEW

Testing, Deployment

TOPICS

L1 Introduction

L2 Systems Development Life Cycle

L3 Requirements Gathering

L4 Requirements Analysis

L5 Introduction to Enterprise Systems

L6 Data Modeling

L7 Mid Sem Summary

L8 OOP Fundamentals & Design Phase

L9 Fundamental Design Principles and Enterprise Systems Architecture Design

L10 Django Demo

L11 Testing and Deployment

L12 Software Testing and Deployment

OTHER NOTES

Check Canvas & Email Regularly

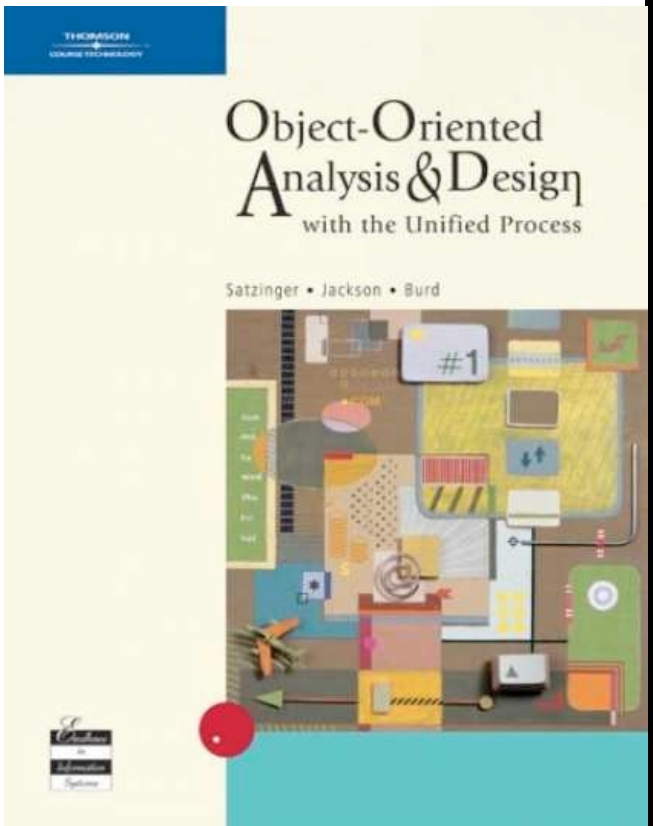
RECOMMENDED TEXT (OPTIONAL/SUPPLEMENTARY)

Textbook

- Object-Oriented Analysis and Design with the Unified Process (1st Ed)
- By J.W. Satzinger, R.B. Jackson, S.D. Burd

Other materials

- Canvas – forums, workbin, etc

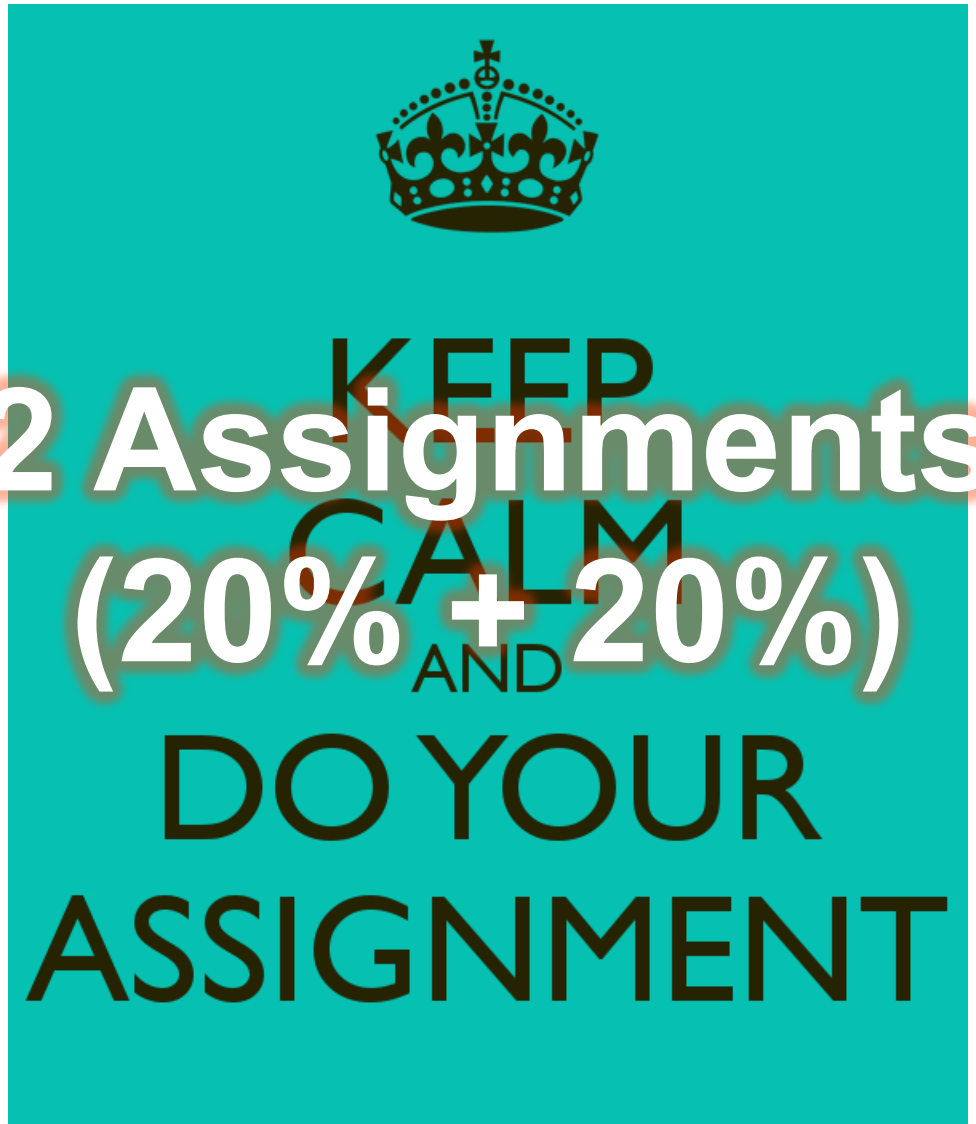


ASSESSMENT

Consisting of:

- Physical attendance
- In-class exercise submissions
- Tutorial submissions
- Classroom participation

ASSESSMENT



2 Assignments (20% + 20%)

ASSESSMENT

Final Assessment (50%)

- Take home final assessment during exam week 1
  - Release on 27 Apr (Sat)
  - Due on 5 May (Sun)