



Course Syllabus: CT 1414 System Analysis and design 2

Class hours:

- Lectures : SUN (8 – 10 AM) and TUS (8-9 AM)
- Lab: MON (10 AM – 12 PM)

Instructor: Nouf AlJaffan

Email: naljaffan@ksu.edu.sa WebSite: faculty.ksu.edu.sa/aljaffan

Office: Room 24, 2nd floor, B building.

Office Hours: SAT (8-9 AM, 12-1 PM) and TUS (9-11 AM)

Main course objectives: The course aimed to provide well understood: General aspects of systems development methodologies; Object-Oriented analysis and design OOAD; Software testing and quality assurance.

Topics to be covered:

1. Introduction to System Analysis and Design.
2. Use Case.
3. Class Diagram.
4. Sequence Diagram.
5. State Diagram.
6. Software Testing Technique

Exam Dates: MidTerm1 3RD Of Mar, MidTerm2 14th Of Apr.

Reference:

- Handouts and lecture notes.

Grades:

15% Midterm1, 15% Midterm2, 10 % Participations, 20 % Assignments, 40% Final Exam.

Course Rules:

- 1- Please check the instructor's website for course material and announcements.
- 2- Attendance is very important, if you miss class more than 25% you are not allowed to enter the final exam. If you absent for medication or other mitigating reason, you must provide documentary evidence *within 72 Hours* to justify your absence.
- 3- Late attendance is not considered. You may attend but you're considered absent.
- 4- Midterms and quizzes attendance is very important. You cannot be excused unless the instructor accepts your formal medical report. If your absent does not meet the stated criteria, you will be given a zero for the exam. Otherwise, your absence will be deemed to be with good cause and you will be automatically re-entered to sit the missed examination at the end of the semester.
- 5- Lab work requires your attendance. It is not a group work therefore you need to study before the lab time to be able to finish the required assignments. Please keep a flash memory with you to save your work.
- 6- Cheating will be dealt with harshly. At best you will receive a 0. At worst you will be referred to the office of student affairs for academic misconduct.