King Saud University

College of Applied Studies and Community Service

Natural Science and Engineering Program

First Semester 1438/1439 A.H.

**310 GC**

**Applied Operating Systems**

**Instructor:**

Boshra AlQureashi.

**Contact Information:**

**Office hours:** Sunday (12-1), Wednesday (10-11), Building 26 , lab 4

**Email:** balqrashi@ksu.edu.sa

**Website:** http://fac.ksu.edu.sa/balqrashi

**Credit Hours:** 3 hours (3+1)

**Course Description:**

Applied Operating Systems course will cover the following topics:

|  |
| --- |
| **Topic** |
| Introduction: Overview |
| Process Management |
| Memory Management |
| Storage Management |
| Protection and Security |
| Case Studies : the Linux system, Windows 7; |

**Prerequisites:**211 GC.

**Reference:**

* Handouts & lecture notes
* Text Book : Operating System Concepts Essentials, Abraham Silberschatz, Peter B. Galvin, Greg Gagne, Wiley, 1st Edition, 2010.

**Lecture Time:**

Monday , Wednesday 8-10

**Grades:**

* First Mid 15%
* Second Mid 15%
* Quizzes 10%
* Assignments 10%
* Project 10%
* Final Exam 40%

**Course Rules:**

1. Please check the instructor's **website** for course material and announcements and Don’t forget to update your phone number in edugate !and your academic email
2. Attendance is very important, if you miss class more than **25%** you are not allowed to enter the final exam.
3. Late attendance is not considered. You may attend but you’re considered absent.
4. Copied assignment and project will be marked by zero.
5. Late assignment and project will not be accepted.
6. Midterms and quizzes attendance is very important. You cannot be excused unless the instructor accepts your formal medical report.
7. If you absent for medication or other mitigation reason, you must provide documentary evidence in the next lecturer to justify your absence.
8. You must provide documentary evidence within 72 hours after the exam period to justify your absence.
9. If your absent does not meet the stated criteria, you will be given a zero for the exam.
10. Otherwise, your absence will be deemed a good cause and you will be automatically re-enterd to set the missed examination at the end of the semester in the whole course.

**Course Plan:**

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| **Week** | **Exams** |
| 2 |  |
| 3 |  |
| 4 |  |
| 5 | **First Quiz Wednesday Oct 18 - 28/1/1439** |
| 6 | **(Mid 1) Monday 3/2/1439 , Oct 23** |
| 7 |  |
| 8 |  |
| 9 |  |
| 10 | **Second Quiz Wednesday** **Nov 22 - 4/3/1439** |
| 11 |  |
| 12 | **(Mid 2) Wednesday 18/3/1439 , Dec 6** |
| **last day of submitting the project Dec 7,** |
| 13 | **Presentation** |