King Saud University

College of Applied Studies and Community Service

Natural Science and Engineering Program

First Semester 1438/1439 A.H.

**CT 1505**

 **Recent Development in Networks**

**Instructor:**

Boshra AlQureashi.

**Contact Information:**

**Office hours:** Sunday (12-1), Wednesday (10-11)

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

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

**Credit Hours:** 3 hours

 **Topics To Be Covered**

* Facts of network technologies developments (historical background).
* New and old network technologies.
* Life cycle of networking standards.
* Recent advanced network technologies: IoT, VoIP, WSN, mobile computing, cloud computing.
* Recent advancements indicators.
* Future expectation.
* User acceptance factors to recent development.
* Evaluation of recent applications.

**Prerequisites:**None.

**Reference:**

* Handouts & lecture notes
* Text Book : Data communication and networking, by: Behrouz A Forouzan, 3rd edition or higher, ISBN-10: 0073250325, ISBN-13: 978-0073250328

**Lecture Time:**

Thursday 8-11

**Grades:**

**20%** Mid-1 **20%** Mid-2 **15%** Quizzes **5%** Research Project **40%** Final Exam

**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 Thursday Oct 19 – 29/1/1439** |
| 6 | **(Mid 1) Thursday****6/2/1439 , Oct 26** |
| 7 |  |
| 8 |  |
| 9 | **Second Quiz Thursday Nov 16 - 27/2/1439** |
| 10 |  |
| 11 |  |
| 12 | **(Mid 2) Thursday****19/3/1439 , Dec 7** |
| 13 | **Third Quiz Thursday Dec 14 - 26/3/1438** |
| **Presentation** |