جامعة الملك سعود

كلية الدراسات التطبيقية وخدمة المجتمع

الفصل الدراسي الأول 1439 / 1440هـ خطة مقرر 1505 تقن

**CT1505 Recent development in networks**

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| **أستاذة المقرر** | **أوقات المحاضرات** | **الساعات المكتبية** | **المكتب** | **البريد الإلكتروني** | **الموقع الإلكتروني** |
| ساره الشعلان | الثلاثاء 10-1 |  | مبنى 26  مكتب2- الدور الأرضي | saalshalan@ksu.edu.sa | http://fac.ksu.edu.sa/saalshalan |

**Reference**:

• Handouts & lecture notes

• Text Book: Data communication and networking, by: Behrouz A Forouzan, 3rd edition or higher.

**Course Description:**

Introducing students to the following concepts:

* The basic concepts and development of WSN.
* Comparison between WSN and private mobile computers network.
* The components of wireless sensor node.
* The challenges facing wireless sensor node architecture.
* The construction and operation of WSN, and the challenges facing its construction
* The applications of WSN
* IoT Recent advanced network technologies
* VoIP Recent advanced network technologies
* Cloud computing Recent advanced network technologies

**Grading Policy:**

* First Mid 15% - 4th week
* Second Mid 15% - 6th week
* Two Quizzes 10% - 4th week and 6th week
* Homework 10% - weekly
* Presentation 10% - weekly
* Final Exam 40%

**Class Rules:**

* Please check the instructor’s website for course material and announcements.
* Attendance is very important if you miss class more than 25% you will be forbidden to enter the final exam
* If you’re late you may attend but you will be considered absent.
* If you miss one of the major exams, you will be not excused unless the instructor accepts your formal medical report.
* Your solutions to the weekly Assignments should be **printed** and not hand-typed. If it is more than one page it should be **stapled**.
* your Assignment should be **labeled** with these information:
  + Name
  + ID
  + Assignment number
  + Course name
  + Section
* Copied assignment will be marked by zero.
* Late assignment will not be accepted.