جامعة الملك سعود

كلية الدراسات التطبيقية وخدمة المجتمع

الفصل الدراسي الأول 1438 / 1439هـ خطة مقرر 1405 تقن

**CT1405 Network Security**

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| **أستاذة المقرر** | **أوقات المحاضرات** | **الساعات المكتبية** | **المكتب** | **البريد الإلكتروني** | **الموقع الإلكتروني** |
| ساره الشعلان | الأحد 8-10  الخميس 12-1 | الإثنين 8-9  الثلاثاء11-12 | مبنى 26  مكتب2 | saalshalan@ksu.edu.sa | http://fac.ksu.edu.sa/saalshalan |

**Reference**:

• Handouts & lecture notes

• Text Book : CRYPTOGRAPHY AND NETWORK SECURITY, William Stallings

**Course Description:**

Students are introduced to: General framework of networks security management; Security measurements and specifications; International regulations and standards; Principles of devices' security, programming and information management; Information security and encryption methodologies; Security media: Anti-viruses; Information Security Management Systems; Security policy; and Risk management.

**Course Objectives:**

The objective of this course is to introduce the characteristics and techniques of Network Security. It gives a theoretical understanding of the following:

## Types of attacks against information systems and network

## Types of information security services

## Designing information security policy and procedures

## Managing the Risk

## IDS

## Firewalls

## VPN

## Private encryption

## Public encryption

## Key management

## E-signature

**Grading Policy:**

* First Mid 15%
* Second Mid 15%
* Quizzes 15%
* Assignments&Research 15%
* 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.
* Copied assignment will be marked by zero.
* Late assignment will not be accepted.