

## 1202 عال (مقدمة في شبكات الاتصالات)

شعبة: ٢١٢

عدد ساعات المقرر: 3 ساعات

عضو هيئة التدريس	أوقات المحاضرات	الساعات المكتبية	المكتب	البريد الإلكتروني/ الموقع
أسيل الهدلق Aseel Alhadlaq	الاثنين ٨-١٠ الأربعاء ١٠-١١	الاثنين الخميس	مبنى 26 الدور الاول م 35 جناح د	البريد الإلكتروني: <a href="mailto:asalhadlaq@ksu.edu.sa">asalhadlaq@ksu.edu.sa</a> الموقع <a href="http://fac.ksu.edu.sa/asalhadlaq">http://fac.ksu.edu.sa/asalhadlaq</a>

### Course Description:

Networks development, function elements and types, communication systems, communication transmission media, switching techniques: circuit switching, packet switching; Networks connectivity and information routing, Networks protocols, international standards, Internet and Intranets components and their operational methodologies, internet services and high speed networks.

### Grade Distribution

Quizzes	10
Mid1	20
Mid 2	20
Project	10
Final Examination	40

### Exams and quizzes:

Quiz 1	13/2/2020
Midterm 1	27/2/2020
Midterm 2	26/3/2020
Quiz 2	9/4/2020
Project	13/4/2020

### Course Material:

- Handouts & lecture notes



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

## 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.
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.

## Course Plan:

Week	Topics
1	Introduction to Networking
2	Network Topology
3	The OSI Reference Model
4	The OSI Reference Model
5	Transmission media
6	Packetizing-Multiple Access Methods-Error Detection
7	Expanding Networks
8	Network Protocols
9	IP Addressing
10	Network Protocols
11	WAN
12	Internet
13	Project Presentation+Revision

WISH YOU ALL LUCK AND SUCCESS