King Saud University
Collage of Applied studies and community service
Network and telecommunication diploma

1202 عال (مقدمة في شبكات الاتصالات)

شعبة: 212

عدد ساعات المقرر: 3 ساعات

البريد الإلكتروني/ الموقع	المكتب	الساعات المكتبية	أوقات المحاضرات	عضو هيئة التدريس
البريد الإلكتروني: moodawah@ksu.edu.sa الموقع http://fac.ksu.edu.sa/moodawah	مبنى 26 الدور الأرضي م 2	الأحد : 8-10 الاربعاء: 10-11	الخميس (1-10)	ساره المدوح

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

Project	10
Quizzes	10
Med1	20
Med 2	20
Final Examination	40

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*

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

WISH YOU ALL LUCK AND SUCCESS