**MIS 430**

**Business Data Communication**

**Course Syllabus**

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| **Instructor:** | Nourah AlBanamay |
| **Office** | 2nd floor, No 146 |
| **Office Hours** | Sun. Tue,Thu (9-10) |
| **Email** | Nalbanamy@ksu.edu.sa |
| **Website** | https://fac.ksu.edu.sa/nalbanamy |
| **KSU credits** | 3 |
| **Lecture timetable** | 3 lectures a week (Refer to your schedule for time and location) |

**COURSE DESCRIPTION:**

The course aims to enhance students' abilities to use and mange computer networks in MIS. Topics covered include: introduction and definition of computer networks and communications concept, computer networks and the internet and its applications.

**Course Objectives**

* Define the network and the usage of the network
* Describe the TCP\IP protocol
* Distinguish between different types of network topology.
* Prepare small LAN and share files ,desktop, and printer.
* Distinguish between different type of transmission media.
* Calculate the performance of the network.
* Identify the flow control and multiple access methods
* Identify the IP address

**COURSE PREREQUISITES:**  350 MIS

**REQUIRED TEXT**

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| --- | --- | --- | --- |
| اسم الكتاب | اسم المؤلف | اسم الناشر | *سنة النشر* |
| Business Data Communication | William Stallings | Prentice Hall | latest version |
| Data communication and networking | By Behrouz A.Forouzan | McGRAW-HILL, | latest version |

**Course Outline:**

|  |  |  |
| --- | --- | --- |
| Topics | No of Weeks | Contact hours |
| Introduction | 1 | 3 |
| Overview of Data Communications and Networking | 1 | 3 |
| Network Models | 2 | 6 |
| Physical Layer: Signals | 3 | 9 |
| Data link Layer :Error detection | 3 | 9 |
| Data Link Control and Protocols | 2 | 6 |
| Multiple Access | 1 | 3 |
| Connecting LANs, Backbone Networks, and Virtual LANs | 1 | 3 |
| Network Layer Logical Addressing | 1 | 3 |

**GRADES:**

|  |  |
| --- | --- |
| Description | Percentage |
| presentation | 5 |
| Assignments ,Quizzes | 5 |
| project | 10 |
| Two Tests (20% each) | 40 |
| Final (Comprehensive) Exam | 40 |
| Total | 100% |

**EXAM SCHEDULE:**

|  |  |  |
| --- | --- | --- |
| EXAM | DATE/DAY | TIME |
| MID 1 | Sun 10/2/2019 | 8-9 |
| Quiz |  | 8-9 |
| MID 2 | Thr 21/3/2019 | 8-9 |

1. **QUIZZES AND ASSIGNMENTS:**  There will be quizzes and assignments administered throughout the semester.  Students who are absent on the day that we have an in-class assignment would have to take a zero for that in-class assignment grade.
2. **TESTS:**  Two tests, which focus primarily on materials covered in class and from the textbook, will be administered during the semester.  Students are strongly encouraged to visit the Companion Website for additional coverage of the materials presented in the textbook.  In order to perform well on the tests, students must be familiar with the definitions listed in the Key Terms section, and do all the questions listed in the Review Questions section.  Students who cannot take the scheduled tests must discuss with the instructor in advance.  Makeup tests and exam will not be given except with prior notification and under extenuating and unavoidable circumstances.  The burden of proof of said circumstances is on the student.  Makeup examinations will usually differ from the original exam, and may be essay or oral.
3. **FINAL EXAM:**  A comprehensive exam will be given during the KSU University exam schedule.  The format of the final exam is relatively similar to the format for the tests.
4. **ATTENDANCE:**  The attendance policy follows the guidelines stated in the KSU Catalogue ([http://www.KSU.edu.sa/](http://www.ksu.edu.sa/)).  Students must assume full responsibility for any loss incurred because of absence, whether excused or unexcused.  All work missed because of absences will receive a grade of zero.  Excused absences are those resulting from the student’s participation in a University-sponsored activity, from recognizable emergencies, or from serious illness.  Students are encouraged to participate actively in class discussion and presentation.
5. **ACADEMIC DISHONESTY POLICY:**  Cheating in any form will not be tolerated in the College of Business.  If the instructor determines that a student has cheated on an assignment, the grade of “F” may be assigned for the entire course.  “Cheating” is the use of unauthorized resources and/or work of another including but not limited to homework, tests, papers, presentations and exams.  Unless specifically instructed otherwise, students are to assume that all coursework is to be the work of the individual student alone.  If a student is unsure as to whether collaboration is permitted, the professor should be contacted in advance of performing the work.  If a faculty member penalizes a student in a course for an Honour Code violation, they should also bring formal charges against the student with the University Honour Board.
6. **LEARNING DISABILITIES:**  Any student who feels that he may need accommodations based on the impact of a physical, psychological, medical, or learning disability should contact Students' Affair Office.
7. **Inclement Weather Policy:** In cases of inclement weather, commuter and campus based disabled students will be permitted to make decisions about whether or not to attend classes without penalty.  If the University is open, it is expected that residence students will attend all classes being held that day.  Cancelled classes will not be rescheduled since students should utilize the cancelled class period as computer lab time.

**COMMENTS:**

* The instructor reserves the right to make any appropriate and necessary changes to the Course Syllabus and Class Schedule.
* Students are responsible for all materials covered in class as well as materials in the textbook.  If you must be absent, the instructor assumes that you have obtained notes from a classmate.  Any student having difficulty with the materials should make an appointment to see the instructor.