**Net 306 Wide Area Network & Internet Lab**

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| **Lecturer** | **Lecture Times** | **Office Hours** | **Office** | **Website/Email** |
| Maysoon AlDuwais | Wed: 10-2 | Tue: 11-9Thu: 12-1 | Building:26Office 40/D | malduwais1@ksu.edu.sahttp://fac.ksu.edu.sa/malduwais1 |

**Section: 1210 Lab: 13 Building 26 Wed: 10-2**

**Course Description:**

The primary focus of this course-lab is on accessing wide area networks (WAN). The goal is to develop an understanding of various WAN technologies to connect small- to medium-sized business networks. The aims of the course are the following:

1. Introduces WAN converged applications and quality of service (QoS)
2. Introduce Point-to-Point Protocol (PPP)
3. Introduce Frame Relay technologies
4. Discuss WAN security and types of threats
5. Introduce Access-Control Lists and their use to accomplish security
6. Introduce Network Address Translation and DHCP protocol
7. Give simplified enterprise networks troubleshooting procedure

**Grading:**

* **Quizzes: 10%**
* **Labs & Hws: 10%**
* **Mid-terms: 40%**
* **Final Exam: 40%**

**Quiz1: Wed: Week 5: 19 Feb. 2020 - 25/6/1441**

**Mid1: Wed: Week 6: 26 Feb. 2020 - 2/7/1441**

**Quiz2: Wed: Week 9: 18 Mar. 2020 - 23/7/1441**

**Mid2: Wed: Week 10: 25 Mar. 2020 - 1/8/1441**