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| **King Saud University**  **College of Applied Studies and Community Service**  **Natural Science and Engineering Program** |  |

**Wide Area Networks and Internet Technologies**

**NET 305**

Instructor:Asma AlOsaimi

Email: aalosaimi@ksu.edu.sa

Credit Hours: 3 hours (3 Lecture 1 Tutorial)

Pre-requisites: NET 301 - Local Area Networks Technologies

Course objectives:

This course covers the essentials of Wide Area Networking. Topics include common Wide Area Networking (WAN) technologies; WAN Frame Relay encapsulation formats WAN link options, WAN design including core, distribution, and access layers, traffic patterns, server placement, and router configuration, PPP, ISDN, and Frame Relay. It covers also the functions and operations of switching technologies.

Grading Policy:

First Mid 15%

Second Mid 15%

Quizzes 10%

Project 10%

Homework 10%

Final Exam 40%

Reference:

Lecture notes

Class Rules:

* Please print lecture notes and lab worksheets.
* Attendance is very important.
* If you are 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 and it will cover all chapters.