

Course Syllabus

Course Title: **Networking Fundamentals**

Course Code: **WEBT 2312**

Course Description:

In general, computer networks course is a combination of theory and its applications. It aims to raise awareness of computer networks (of different types and techniques) and how to construct, operate and administer them. It also provides the basic information necessary for the specialist networks in order to be able to provide information services in an environment of networking and information networks.

Topics to be Covered			
List of Topics		No. of Weeks	Contact hours
Introduction to Networking		1	4
OSI and TCP/IP models		2	8
Network security		2	8
Network availability and reliability	First Major Exam	2	8
Topologies and Ethernet Standards		1	4
Network hardware and infrastructure		2	8
WANs and Remote Connectivity	Second Major Exam	2	8
IP Addressing		1	4
Network protocols		2	8
Total		15	60

Grading Policy:

Assessment	Assessment task (Quiz, Test, Exams)	Week due	Proportion of Final Assessment
<i>1</i>	<i>Homeworks</i>	<i>3,8,11</i>	<i>5%</i>
<i>2</i>	<i>Quizzes</i>	<i>4, 7, 9, 11</i>	<i>5%</i>
<i>3</i>	<i>Major Exam – I</i>	<i>7</i>	<i>10%</i>
<i>4</i>	<i>Major Exam – II</i>	<i>13</i>	<i>10%</i>
<i>5</i>	<i>Lab exams</i>	<i>8,13</i>	<i>30%</i>
<i>6</i>	<i>Final Exam</i>	<i>16</i>	<i>40%</i>

Attendance policy:

The student presents himself to the denial of entry of the final Exam in the event of his absence by more than 25% of the total lectures and that is the decision of the Council of the College.

Instructor Information:

Name: **EJAZ SHAKEB**

Office Location: **B4 – F5 – R5**

Office Hours: Sunday 10.A.M. - 11:50 A.M.;
Tuesday 10 A.M. – 11:50 A.M.
Thursday 11 A.M. – 11:50 A.M.

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