

## **Applied Detailed Study Related to Network Technology**

### **Course Objectives:**

This course aims to provide thorough industry exposure related to network technology. The student will make a report that includes the following:

- Introduction.
- Overview about the Company.
- New Technology in Networking.
- Internet in General.
- Internet Technology.
- ISP's.
- Networking Security Techniques
- Company's Networking Technology.
- Internet in Kingdom.
- Discussion and Results.
- Conclusion.
- References.

- \* Do not forget to use figures to clarify ideas as much as possible.
- \* Use the Visio program to provide a diagram for the network.
- \* The whole report must be in correct English.
- \* Remember to paraphrase sentences that you get from references.

### **Learning Outcomes:**

The student should be able to:

- Understand the concepts behind organizational networks.
- Describe the main techniques used for organizational networking.
- Understand main network management and planning issues.
- Understanding of technical terms.
- General understanding of network administration techniques.
- Working in groups to improve collaboration .
- Basic skills required for installation and configuration of networking tools.
- Ability to be concise and clear in presenting their thoughts.

### **Course Policies:**

- No late Reports will be accepted.
- Reports are to be written in groups and students are also encouraged to share thoughts with others. Absolutely no copying and no plagiarism are allowed. Copyright should be respected.  
Academic dishonesty cases will be dealt with severely.
- There will be a weekly meeting for each group; any absent student will lose the attendance marks as well as the Group Discussion marks.

### **Course Academic Calendar:**

#### **Week Basic and support material to be covered Reports and their due dates**

- (1) Introduction
- (2) Overview about the Company
- (3) New technology in Networking
- (4) Internet in general
- (5) Internet technology
- (6) ISP's
- (7) Networking Security Techniques
- (8) Company's Networking Technology
- (10) Internet in Kingdom
- (11) Discussion and Results
- (12) Discussion and Results
- (13) Conclusion
- (14) Review the complete project
- (15) **Final report and Presentation**

### **Methods of Assessment:**

<b>Assessment Instruments</b>	<b>Mark</b>
Attendance	10
Midterm Reports (Phase_1 & Phase_2)	30
Group Discussion	20
Final Report and Presentation	40
<b>Total</b>	<b>100</b>