Kingdom of Saudi Arabia
Ministry of Education
University of Bisha

College of Engineering
Dept. of Electrical Engineering

المملكة العربية السعودية
وزارة التعليــــــــم
جامعة بيشة
كلية الهندسة
قسم الهندسة الكهربائية

University of Bisha

Course Syllabus

Course Code and Name	EE 26444 – Computer Networks
Credit and contact hours	**3 (2, 1, 1) (Lecture, Tutorial, Lab)**
Required or Elective	**Required**
Level / Year	**Level (8) / Year (4)**
Course Prerequisite	**EE 262332 Logic Circuits Design**
Textbook	B. Forouzan, Data Communications and Networking, McGraw-Hill, 2007.
Course Description	This course cover the following topics: Introduction - Network models – Multiplexing - Transmission media – Switching - Error detection and correction - Local area networks - Wide area networks – Internetworking – Internetworking - Process to process delivery - Application layer - Network security - Network monitoring - Network Programming.
Brief List of Topics to be Covered	1. Network models 2. Multiplexing 3. Transmission media 4. Switching 5. Error detection and correction 6. Local area networks 7. Wide area networks 8. Internetworking 9. Internetworking 10. Process to process delivery 11. Application layer 12. Network security 13. Network monitoring 14. Network Programming
Course is prerequisite for	-