**Ankara Üniversitesi**

**Kütüphane ve Dokümantasyon Daire Başkanlığı**

**Açık Ders Malzemeleri**

### Çalışma Planı (Çalışma Takvimi)

| **Haftalar** | **Haftalık Konu Başlıkları**  |
| --- | --- |
| 1.Hafta | * Introduction.
 |
| * Uses of Computer Networks, Network Hardware, Network Software.
 |
| * Network Hardware and Network Software.
 |
| 2.Hafta | * Reference Models.
 |
| * Example Networks, Network Standardization, Metric Units.
 |
| 3.Hafta | * The Physical Layer: The Theoretical Basis for Data Communication.
 |
| * Guided Transmission Media, Communication Satellites.
 |
| 4.Hafta | * The Public Switched Telephone Network.
 |
| * The Mobile Telephone System, Cable Television.
 |
| 5.Hafta | * The Data Link Layer: Data Link Layer Design Issues.
 |
| * Error Detection and Correction, Elementary Data Link Protocols.
 |
| 6.Hafta | * Sliding Window Protocols, Protocol Verification.
 |
| * Example Data Link Protocols.
 |
| 7.Hafta | * The Medium Access Sublayer: The Channel Allocation Problem.
 |
| * Multiple Access Protocols, Ethernet.
 |
| 8.hafta | * The Medium Access Sublayer: Wireless LANs.
 |
| * Broadband Wireless, Bluetooth, Data Link Layer Switching.
 |
| 9.Hafta | * The Network Layer: Network Layer Design Issues.
 |
| * Routing Algorithms, Congestion Control Algorithms.
 |
| 10.Hafta | * The Network Layer: Quality of Service.
 |
| * Internetworking, The Network Layer in the Internet
 |
| 11.Hafta | * The Transport Layer: The Transport Service.
 |
| * Elements of Transport Protocols, A Simple Transport Protocol.
 |
| 12.Hafta | * The Transport Layer: The Internet Transport Protocols: UDP.
 |
| * The Internet Transport Protocols: TCP, Performance Issues.
 |
| 13.Hafta | * The Application Layer: DNS-Domain Name System.
 |
| * Electronic Mail.
 |
| 14.Hafta | * The World Wide Web.
 |
| * Multimedia.
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