**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. |