

2017/1

**BLM4851 Data Communication (Veri İletişimi )**  
**Gr1: Monday 09:00-12:00 D111**

| Week | Gr 1       | Description   |
|------|------------|---|
| 1    | 09/18/2017 | Introduction, Fundamentals of Communication                   |
| 2    | 09/25/2017 | ISO - OSI Reference Model, Layer functions                    |
| 3    | 10/02/2017 | Signalling, Signal encoding                                   |
| 4    | 10/09/2017 | Communication Media, Multiplexing                             |
| 5    | 10/16/2017 | Error Detection , Error Correction                            |
| 6    | 10/23/2017 | Flow Control (Enq/Ack, Pool/Select)                           |
| 7    | 10/30/2017 | Data Link Layer Protocols (BSC, HDLC)                         |
| 8    | 11/06/2017 | Mid-Term-1, (Exam questions evaluation)                       |
| 9    | 11/13/2017 | Local Area Networks, IEEE 802 project (802.3)                 |
| 10   | 11/20/2017 | IEEE 802 Project (IEEE 802.4, 802.5)                          |
| 11   | 11/27/2017 | Wireless LAN (IEEE 802.11)                                    |
| 12   | 12/04/2017 | Switching, Connection-Oriented, Connectionless Services       |
| 13   | 12/11/2017 | Wide Area Networks (ISDN, X.25, FR, ATM, ADSL, GSM/GPRS/EDGE) |
| 14   | 12/18/2017 | Mid-Term-2, (Exam questions evaluation)                       |
| 15   | 12/25/2017 | Communication Equipments, TCP/IP Model, Security issues       |

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|-----------------|---|
| Language        | English   |
| Day/Hour/Class  | Gr1: Monday 09:00-12:00 D111  |
| Attendance      | <b>Required</b> according to YTÜ Önlisans ve Lisans Eğitim-Öğretim Regulations article #24  |
| Grading         | 2 Mid-Term (%60), 1 Final (%40)   |
| Course Book     | Any book related with Data or Computer Communications, Computer Networks  |
| Other Resources | <i>Introduction to Data Communications and Networking</i><br><b>Behrouz Forouzan - McGraw Hill</b><br><i>Data &amp; Computer Communications</i><br><b>William Stallings - Prentice Hall</b><br><i>Computer Networks</i><br><b>Andrew S. Tanenbaum - Prentice Hall</b> |
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