Tentative Course Outline/Schedule

| **L.** | **Date** | **Week** | **Topic** | **Quiz** | **Assignment** |
| --- | --- | --- | --- | --- | --- |
| 1 | 27/5 | 1 | Introduction |  |  |
| 2 | 1/6 | 1 | Introduction (Basics of Communications) |  |  |
| 3 | 3/6 | 2 | Introduction (Basics of Communications) |  |  |
| 4 | 8/6 | 2 | Network Models (OSI and TCP/IP) |  | 1 |
| 5 | 10/6 | 3 | Network Models (OSI and TCP/IP) |  |  |
| 6 | 15/6 | 3 | Data and Signals | 1 |  |
| 7 | 17/6 | 4 | Data and Signals |  |  |
| 8 | 22/6 | 4 | Digital Transmission |  |  |
| 9 | 24/6 | 5 | Digital Transmission |  |  |
| 10 | 29/6 | 5 | Eid Holiday |  |  |
| 11 | 1/7 | 6 | Eid Holiday |  |  |
| 12 | 6/7 | 6 | Analog to Digital Conversion (PCM) |  |  |
| 13 | 8/7 | 7 | Analog to Digital Conversion (DM) | 2 | 2 |
| 14 | 13/7 | 7 | Review |  |  |
| **8th Week: Central Mid Exam: 15 July (Tentative)** | | | | | |
| 15 | 20/7 | 8 | No class (Mid-Week) |  |  |
| 16 | 22/7 | 9 | No class (Mid-Week) |  |  |
| 17 | 27/7 | 9 | Bandwidth Utilization: Multiplexing and Spreading |  |  |
| 18 | 29/7 | 10 | Ashura (Holiday) |  |  |
| 19 | 3/8 | 10 | Bandwidth Utilization: Multiplexing and Spreading |  |  |
| 20 | 5/8 | 11 | Multiplexing Math problem solving |  | 3 |
| 21 | 10/8 | 11 | Tx media | 3 |  |
| 22 | 12/8 | 12 | Tx media |  |  |
| 23 | 17/8 | 12 | Data Link Layer services and multiple access protocols | 4 |  |
| 24 | 19/8 | 13 | Data Link Layer services and multiple access protocols |  |  |
| 25 | 24/8 | 13 | Data Link layer: Error Detection and Correction |  | 4 |
| 26 | 26/8 | 14 | Data Link layer: Error Detection and Correction | 5 |  |
| 27 | 31/8 | 14 | Review |  |  |
| **Central FINAL Exam : 1 September (Tentative)** | | | | | |