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| **logoUniversity of Management & Technology**  School of Science & Technology  Department of Electrical Engineering | | | | | |
| EL410 Communication Systems Lab | | | | | |
| **Lab Schedule** | | Mon 08:00- 11:00 (Sec A1)1  Mon 11:00- 14:00 (Sec D1)2  Wed 08:00- 11:00 (Sec A1)5  Wed 11:00- 14:00 (Sec D)2  Thurs 08:00- 11:00 (Sec B)1  Fri 08:00- 11:00 (Sec C1)4  Sat 08:00- 11:00 (Sec C)3 | | **Semester** | Fall 2013 |
| **Pre-requisite** | | Signals and System Lab | | **Credit Hours** | 1 |
| **Instructor(s)** | | Khalid Ejaz1  Hassan Tariq2  Maryam Ali3  Abdullah Khalid4  Neha Maham5 | | **Contact** | [khalid.ijaz@umt.ed .pk1](mailto:khalid.ijaz@umt.ed%20.pk1)  [hassantariq@umt.edu.pk](mailto:hassantariq@umt.edu.pk)2  [maryam.ali@umt.edu.pk3](mailto:maryam.ali@umt.edu.pk3)  [abdullah.khalid@umt.edu.pk](mailto:abdullah.khalid@umt.edu.pk)4 |
| **Grading Policy** | | 40%Sessional Marks  60%Final Marks | | | |
| **Sr. No** | | **Experiments** | | | |
| 1. | | Introduction To LabVIEW | | | |
| 2. | | Fourier Series | | | |
| 3. | | Noise Generation Module | | | |
| 4. | | Amplitude Modulation (LabVIEW) | | | |
| 5. | | Amplitude Modulation (Communication Trainer) | | | |
| 6. | | Amplitude Demodulation (Communication Trainer) | | | |
| 7. | | SSB Modulation and Demodulation (Communication Trainer) | | | |
| 8. | | Frequency Modulation (LabVIEW) | | | |
| 9. | | Frequency Modulation ( Communication Trainer) | | | |
| 10. | | Frequency Demodulation (Communication Trainer) | | | |
| 11. | | | Frequency Division Multiplexing (Communication Trainer) | | |
| 12. | Pulse Amplitude and Pulse Width Modulation (LabVIEW) | | | | |