



الجامعة الألمانية الأردنية
German Jordanian University

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Department of Communication Engineering
Analog Communication Systems Lab Syllabus

CME 312-Lab

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Lab Room: C409 Communication Systems Lab.

Textbooks and Supplies:

Laboratory procedure, Instructor's notes.

Prerequisites:

Analog communication CME 312 should be taken either before or in parallel to this lab.

Experiments List:

week	Experiment
1	Introduction to lab equipments
2	Signal and system representation
3	Getting start with Simulink
4	Voltage Controlled Oscillator
5	DSB-SC Modulation and Demodulation
6	Amplitude Modulation and Demodulation
7	SSB Modulation and Demodulation
8	Frequency Modulation
9	Frequency Demodulation
10	Communication channel and noise
11	Sampling

Grading policy

Attendance and participation	10%
Experiments results	20%
Matlab assignment	20%
Midterm exam	20%
Final exam	30%