

Delivery Plan (Weekly Lab. Syllabus)

المنهاج الاسبوعي للمختبر

Material Covered

Week 1	INTRODUCTION TO LAB EQUIPMENT.
Week 2	AMMETER DESIGN.
Week 3	VOLTMETER DESIGN.
Week 4	LOADING EFFECT ON VOLTMETER.
Week 5	OHMMETER DESIGN.
Week 6	MEASUREMENT OF RESISTANCE USING WHEATSTONE BRIDGE.
Week 7	INDUCTANCE COMPARISON BRIDGE.
Week 8	CAPACITANCE COMPARISON BRIDGE.
Week 9	MAXWELL BRIDGE.
Week 10	HAY BRIDGE.
Week 11	SCHERING BRIDGE.
Week 12	WIEN BRIDGE.
Week 13	OSCILLOSCOPE AND MEASUREMENT OF FREQUENCY.
Week 14	OSCILLOSCOPE AND MEASUREMENT OF PHASE ANGLE.
Week 15	Review