

Delivery Plan (Weekly Lab. Syllabus)

المنهاج الاسبوعي للمختبر

	Material Covered
Week 1	Lab 1: Introduction to Lab instruments
Week 2	Lab 2: Forward and reverse V/I Characteristics of diode.
Week 3	Lab 3: half wave rectifier.
Week 4	Lab 4: Full wave rectifier with center tap transformer.
Week 5	Lab 5: Full wave (bridge) rectifier.
Week 6	Lab 6: clipper and clamper circuits
Week 7	Lab 7: voltage doubler and voltage triple
Week 8	Lab 8: Zener diode characteristics in forward biasing and reverse biasing.
Week 9	Lab 9: Using a zener diode to stabilize the voltage with a constant and variable resistive load.
Week 10	Lab 10: light emitting diode.
Week 11	Lab 11: characteristics of photo diode.
Week 12	Lab 12: characteristics of varactor diode.
Week 13	Lab 13: characteristics of Schottky diode.
Week 14	Lab 14: characteristics of Lazer diode.
Week 15	Final exam