

## Delivery Plan (Weekly Lab. Syllabus)

### المنهاج الاسبوعي للمختبر

Week	Material Covered
Week 1	<ul style="list-style-type: none"> <li>• Lab 1: Introduction to digital laboratory kit operation</li> <li>• Lab 2: Logic Gates (AND, OR, NOT, NAND, NOR).</li> </ul>
Week 2	<ul style="list-style-type: none"> <li>• Lab 3: Logic Gates (XOR, XNOR).</li> <li>• Lab 4: De Morgan's Theorems 1<sup>st</sup> and 2<sup>nd</sup> Laws.</li> </ul>
Week 3	<ul style="list-style-type: none"> <li>• Lab 5: Designing a combinational Logic circuit.</li> <li>• Lab 6: The realization of the Boolean equation.</li> </ul>
Week 4	<ul style="list-style-type: none"> <li>• Lab 9: Half Binary Subtractor.</li> <li>• Lab 10: Full Binary Subtractor.</li> </ul>
Week 5	<ul style="list-style-type: none"> <li>• Lab 11: Binary comparator</li> </ul>
Week 6	<ul style="list-style-type: none"> <li>• Lab 12: 2's Complement Adder- Subtractor</li> </ul>
Week 7	<ul style="list-style-type: none"> <li>• Lab 13: Flip-Flop.</li> </ul>

