

Planning and Quality Assurance Affairs

Form (A)

Course Specifications

General Information

Course name	Digital Design Lab
Course number	PHYS3127
Faculty	
Department	
Course type	College Needs
Course level	3
Credit hours (theoretical)	0
Credit hours (practical)	1
Course Prerequisites	

Course Objectives

<p>1 - Familiarity with the use of modern scientific equipment</p> <p>2 - Familiarity with the use of specialized experimental techniques</p> <p>3 - The ability to communicate clearly , readably , and concisely the results and essentials features of an experiment</p>

Course Contents

<p>1 - Binary numbers, logic gates, decoder, encoders, Multiplexer, Flip-flops, Counters, arithmetic circuits, memory cells, logic arrays, and digital design project</p>

Students Assessment

<u>Assessment Method</u>	<u>TIME</u>	<u>MARKS</u>
Lab Reports		40
Attendance		20
Final Exam		40