



**KIT for Engineering  
Innovation Training  
Programs**

**Address:** 24 Al-gahez steet-Al Hay  
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**Website:** www.kitegy.com  
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<b>Course Title:</b>	Phased Array Ultrasonic Testing (PAUT) Level II
<b>Category:</b>	Non-Destructive Testing (NDT)
<b>Course Code:</b>	KIT-106
<b>Duration:</b>	10 days
<b>Certificate:</b>	Accredited certificate (ASNT) Level II for 5 years
<b>Exams:</b>	General Exam: 40 Q Specific Exam: 20 Q Practical Exam: Shall passed for at least 2 specimens & reporting.

**Course Topics**

<b>Day</b>	<b>Title</b>
Day 1	- Review of the Fundamentals of UT. - Brief Introduction and History of UT Development.
Day 2	- Preform Ultrasonic Testing, Interpreting and Evaluating obtained results. - Preparation of the Reports.
Day 3	- Fundamentals of Phased Array Ultrasonic. - Phased Array Probes.
Day 4	- Beam Shaping and Beam Steering Capabilities.
Day 5	- Phased Array Scanning. - Phased Array Weld Examination - Selection of Parameters.
Day 6	- Data View and Display.
Day 7	- Instrument Features and Digitization Principles
Day 8	- Data Analysis. - Phased Arrays Code Compliance.
Day 9	- Equipment, Probe Performance Check.
Day 10	- General & Specific Exam.



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