



## 60<sup>th</sup> Defense Working Group on Nondestructive Testing

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**Monday, 3 December 2012 (0800-1500):** Separate from the regular agenda, the Defense Working Group on Nondestructive Testing (DWGNNDT) Steering Committee has arranged four concurrent training sessions for the continuing education and professional growth of our members. Participants will gain a better understanding of NDT technologies, equipment, processes, and techniques. The training courses are open to all attendees regardless of experience.

**Course I: CR Intermediate/Advanced Training.** This training is designed for film radiographers interested in transitioning to computed radiography (CR). The instruction will target the practical applications and issues for implementing CR systems and developing CR techniques. Additionally, this class will give the attendee an overview of CR hardware, system calibration, equipment selection and viewing environment. This class will be given by the leadership team of the Federal Working Group on Industrial Digital Radiography.

**Course II: PAUT Intermediate/Advanced Training.** This training is designed for ultrasonic users interested in learning about phased array ultrasonic testing (PAUT). The instruction will target the basic applications of the technology with an overview of PAUT theory, hardware, system calibration, equipment selection, data evaluation, applicable codes and standards, training and certification requirements. PAUT training will be provided by Olympus NDT.

**Course III: Active Thermography Basic/Intermediate Training.** The instruction will target the practical applications and basic theory required to implement and qualify thermography equipment for use in NDT applications. This class is designed to help NDT professionals understand the practical uses of active thermography while gaining a better understanding of interpretation of thermography data and effective use of thermography equipment. Thermography training will be provided by Dr. Steven Shepard, president of Thermal Wave Imaging, Inc.

**Course IV: NDT Basic/Intermediate Training.** This course will cover VT, MT, PT, ET, UT and RT basic theory, applications, advantages/disadvantages of each and the underlying principles behind the use of multiple methods for a single flaw detection requirement. The course will introduce codes, standards, training and certification requirements, and procedure development.

This training is being provided at no additional cost to all DWGNNDT meeting attendees. The training will be held at the same location as the DWGNNDT. Registration for training will occur during registration for the 60<sup>th</sup> DWGNNDT slated to open in late September. For additional information and early sign-up, please contact Ms. Karen Bruer at [kbruer@ameebay.com](mailto:kbruer@ameebay.com).