

**Introduction to NDT**  
**40 hours**  
**Training Course Outline**

This course introduces all NDT Methods. The course is designed for individuals who want to have basic knowledge about NDT. The course will include Demonstrations

- Material Processes 2 hours  
Defects in Castings,  
forgings, drawing, machining
- Visual Testing 6 hours  
Welding processes  
weld defects  
weld inspections  
visual inspection tools
- Liquid Penetrant Testing 4 hours
- Magnetic Particle Testing 4 hours
- Ultrasonic Testing 8 hours  
Thickness measurements  
Crack detection
- Radiography Testing 8 hours  
Inspection process  
interpretation
- Eddy Current Testing 6 hours  
Surface inspection  
Tubing inspection
- Personnel Certification 2 hours  
SNT-TC-1A  
NAS 410

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