

Introduction to NDT

Training Course Outline - 40 hours

This class is for individuals who want to be familiar with NDT methods. That would be engineers and project personnel.

Note: This class is not for NDT techs who are pursuing certification in NDT method. NDT Techs should take regular Level I and Level II classes

- **NDT Certification of Personnel** 2 hours
 - SNT-TC-1A 2024
 - NAS-410 Rev 5
- **Visual Testing** 6 hours
 - Welding processes
 - Weld discontinuities
 - Measuring discontinuities - Visual inspection tools
- **Liquid Penetrant Testing** 4 hours
 - Penetrant Removal Methods
 - Type I & II
- **Magnetic Particle Testing** 4 hours
 - Methods of Magnetization
 - Magnetic Mediums
- **Ultrasonic Testing** 8 hours
 - Straight Beam for thickness measurement
 - Angle Beam for weld testing
- **Eddy Current Testing** 8 hours
 - Surface ECT
- **Radiography Testing** 8 hours
 - X-Ray Sources – Tube and Gamma
 - Film
 - Digital – Computed and DDA



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