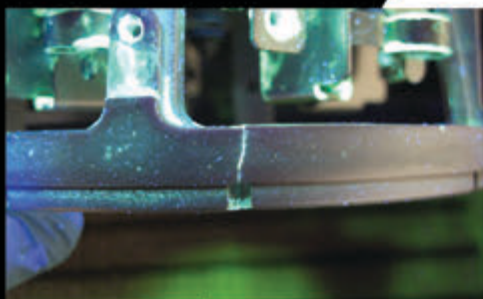


NDT Training



NDT Training

ATS is a materials testing company with extensive NDT training programs, testing services and inspection capabilities. Since our founding in 1967, we have established a reputation with education, business, industry, and the legal profession for successfully uncovering facts in Nondestructive Testing, Metallurgy and Materials Testing, Chemical Analysis, Forensic and Consulting Engineering, Fire and Explosion Investigations, and Calibration Services.

Our NDT courses are designed to help students gain real world knowledge that is necessary to build a good foundation. Classes are available at your facility, or at our locations in South Carolina, Georgia, and Florida. ATS Instructors are also Inspectors that have the background and Certifications to accomplish many inspections. We also offer Level III Consulting Services (Audits, Personnel Certification, Procedure Writing). Applied Technical Services is the Southeast's only ASNT Authorized Exam Center, so come take a refresher class with us before your ASNT exam.

NDT Training Classes:

- AWS/CWI Preparation Class – Weld Inspection
- Eddy Current Inspections – ET
- Film Interpretation
- Infrared Inspection – IR
- Leak Testing – LT
- Level III Refresher Classes
- Liquid Penetrant Inspection – PT
- Magnetic Particle Inspection – MT
- NDT Refresher Courses
- Radiation Safety – RS
- Radiographic Testing – RT
- Ultrasonic Inspection – UT
- Ultrasonic Thickness – UTT
- Visual Inspection – VT
- Weld and Flaw Size Evaluation

ATS also provides Level III Consulting Services. Contact us for more details.





NDT Course Descriptions

Eddy Current

Aircraft Wheel Inspection - 24 Hours

Covers basic eddy current theory and techniques for aircraft wheel inspection. This course is designed for aircraft maintenance personnel performing wheel maintenance to FAA requirements.

Level I - 40 hours

A basic course in eddy current theory, test instrumentation, coils, and basic impedance plane principles. Applications studied include conductivity, lift-off, thickness, and flaw detection applications.

Level II - 40 Hours

An advanced program stressing eddy current test setup and display interpretation based on impedance plane analysis. This course covers many applications using surface probes, ID probes, and encircling coils.

Infrared

Level I - 32 hours for SNT-TC-1A

A four-day course comprised of the principles and theory of Infrared. Includes practical application, operation, and differences among imagers.

Level II - 34 hours for SNT-TC-1A

A four-day course concentrating on different measurements, applications, and documentation requirements. Lab intensive course for practicing and developing knowledge in using your infrared camera.

Liquid Penetrant

Level I/II - 16 Hours for SNT-TC-1A, 32 Hours for NAS 410 class

An intensive study of the theory, processes and techniques applicable to both visible and fluorescent penetrant. Includes both classroom and laboratory sessions.

Magnetic Particle

Level I/II - 24 Hours for SNT-TC-1A, 32 Hours for NAS 410 class

A complete course covering both theory and practical application of magnetic particle testing methods and equipment.

Radiography

Level I - 40 Hours

A comprehensive course in principles and theory of radiography. Includes radiation safety, operation of radiographic equipment, film and film processing.

Level II - 40 Hours

An advanced course in radiographic techniques, radiation safety requirements, and film interpretation principles. Technique development and operation to codes and standards is stressed.

Film Interpretation - 24 Hours

A specialized course designed to develop skills in evaluating radiographs.

Radiation Safety - 40 Hours

An intensive course covering safety requirements for radiographer certification.

Ultrasonic

Thickness - 24 Hours

A two-day course covering thickness gauging of pipe and vessel walls using ultrasonic instruments with digital and waveform displays.

Level I - 40 Hours

An intensive course covering the fundamentals of Ultrasonics. Practical laboratory exercises include thickness gauging and a variety of flaw detection, mapping, and evaluation techniques.

Weld Inspection - 40 Hours

An advanced course in ultrasonic weld inspection techniques, intended for persons who will inspect welds according to the AWS, ASME, and other codes, or who must develop their own in-house weld inspection procedures.

Level II - 40 Hours

An advanced laboratory-intensive course for developing practical skills. The course is applications oriented and includes weld inspection, bond inspection, and immersion techniques. Angle beam testing and defect evaluation are covered in detail.

Visual Testing

Level I and II - 24 Hours

Course covers all the theoretical aspects of visual testing. We review the processes of improving visual inspection reliability and the use of visual aides.

On-Site Training: ATS training courses are also available for presentation at your facility. A course at your facility can provide cost saving benefits and be formatted to your specific needs.

1 Day Level III Refresher Classes



The southeast's only
ASNT Authorized
Exam Center

NDT Training Coordinators:

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1-888-287-5227



Applied Technical Services
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