

NONDESTRUCTIVE TESTING TECHNOLOGY



What is NDT? Nondestructive testing is the examination of an object or material without affecting its future usefulness. Nondestructive tests are performed to identify internal or external imperfections; to determine structure, composition, or properties; or to measure geometric characteristics - without affecting the form, fit, or function of the test object.

In a world where public safety and quality products are essential, demand is growing for trained Nondestructive Testing Technicians. Spartan's program prepares graduates to analyze, research, and investigate quality control metrics within many organizations ensuring the quality of a product or work being performed.



Versatile Skill Set

- Radiography
- Eddy Current Testing
- Liquid Dye Penetrant
- Magnetic Particle Testing
- Ultrasonic Testing
- Visual Testing



Nondestructive Testing Technology

(Diploma) • Program Length: 10 months

Associate of Applied Science in Quality Control Management:

(Degree) Program Length: 15 Months

(Nondestructive Tester D.O.T. 011.261-018 and Quality Control Technician D.O.T. 012.261-014)

Students learn to operate equipment used in making magnetic particle and liquid dye penetrant inspections. They also learn the basic principles of radiation safety, metallurgy, ultrasonic inspection, eddy current, leak detection, codes and standards. Students also process and interpret film using x-ray equipment. These sophisticated techniques are used to inspect or locate potential hazards in products, parts, welds or other critical areas requiring investigation. These tests are performed without destroying the continued use of the part or product while determining its safety.

One of our quickest programs to complete, students can finish the NDT testing program in as few as 10 months, then apply to complete their degree training in quality control management in an additional 5 months.

Career Track Examples

- Aircraft Manufacturers
- Aerospace Industry
- Petrochemical
- Oil and Gas Pipeline
- Construction
- Manufacturing
- Transportation/Railroads
- Amusement Parks

Position Examples

- Ultrasound Technician
- Radiographer
- NDT Inspector
- Eddy Current Technician
- Magnetic Particle Technician

Employer Examples

- Applied Technical Services
- B.F. Goodrich Aerospace
- Baker Oil Tool
- HMT Tank Inspection
- Honeywell International, Inc.
- Longview Inspection
- METCO
- Mistras
- Nordam
- Pacific Cast Technologies
- Pacific Testing Labs
- Quality Testing Service
- Shawcor
- Underwriters Laboratories



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Tulsa – Main Campus

8820 East Pine Street, Tulsa, OK 74115

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Spartan does not guarantee third-party certifications. For more information about our graduation rates and other important information, visit <https://www.spartan.edu/tulsa/consumer-information/>