NON-DESTRUCTIVE TESTING

Non-Destructive Testing *(NDT) is a technique for inspecting materials without causing harm to their future usability. It serves the vital purpose of uncovering imperfections while keeping the material's original properties intact.*

In various industries, NDT plays a pivotal role in predicting the performance of components, ensuring structural integrity, and eliminating faulty parts. Professionals in NDT find opportunities in diverse sectors such as aerospace, manufacturing, theme parks, energy sectors, and more, opening doors to an array of career roles.

COURSE WORK

- **ETI-1121: Non-Destructive Testing**
- **ETI- 2123C: Liquid (Dye) Penetrant Inspection**
- **ETI-2124C: Magnetic Particle (MT) Non-Destructive Testing (NDT)**
- **ETI-2126C: Ultrasound (UT) Non-Destructive Testing (NDT)**
- **ETI-2127C: Infrared Thermography (IR) Non-Destructive Testing (NDT)**

EMBEDDED WITHIN THE AVIATION MAINTENANCE MANAGEMENT (A.S.) DEGREE

Non-Destructive Testing courses offer an exceptional opportunity for students to acquire specialized skills and certifications in the field of Non-Destructive Testing (NDT). These certificates are thoughtfully integrated into the comprehensive Aviation Maintenance Management (A.S.) degree program and while not required, provides students with a unique pathway to a successful career in aviation.

CERTIFICATIONS THROUGH THE AMERICAN SOCIETY OF NON-DESTRUCTIVE TESTING (ASNT)

Our program collaborates with the American Society of Non-Destructive Testing (ASNT), a leading professional society renowned for setting industry standards in training, education, and inspection methods within the NDT sector. Students in our program have the privilege of obtaining ASNT certifications, recognized worldwide for their excellence and adherence to industry best practices.

DIVERSE LEVEL-1 CERTIFICATIONS

Students pursuing these technical certificates will gain proficiency in various NDT methods, ensuring they are well-prepared to meet the industry's demands.

These methods include:

- *Dye Penetrant*
- *Magnetic Particle*
- *Ultrasound*
- *Thermography and Eddy Current*

FOR MORE INFORMATION

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