Engineering Technology: Non-Destructive Testing
Associate of Applied Science Degree

Program Overview:
The Non-Destructive Testing Engineering Technology program graduates will possess the knowledge, skills, and abilities to make an intelligent entry into the power producing, construction, and manufacturing industries. Outcomes will include the ability and knowledge to detect defects such as cracking and corrosion, by utilizing the different methods of testing available, such as x-ray, ultrasound, and liquid penetration.

How Much Can I Earn?

What Will I Do On The Job?
Interpret or evaluate test results in accordance with applicable codes, standards, specifications, or procedures. Interpret the results of all methods of non-destructive testing (NDT) such as acoustic emission, electromagnetic, leak, liquid penetrant, magnetic particle, neutron radiographic, radiographic, thermal or infrared, ultrasonic, vibration analysis, and visual testing. Select, calibrate, or operate equipment used in the non-destructive testing (NDT) of products or materials. Examine structures or vehicles such as aircraft, trains, nuclear reactors, bridges, dams, and pipelines using non-destructive testing (NDT) techniques. Make radiographic images to detect flaws in objects while leaving objects intact. Prepare reports on non-destructive testing (NDT) results. Document non-destructive testing (NDT) methods, processes, or results. Produce images of objects on film using radiographic techniques.

Possible Job Titles:
Material Testing Technician, NDT Technician, Engineering Assistant, X-Ray Technician, Lab Assistant

Who Will Hire Me?
Chattanooga State graduates work for such organizations as: TVA, Bartlett, Alstom, Westinghouse, Team Industrial Services


Career Services & Counseling Center Student Center Room 137 • 423-697-4421