

Occupational Endorsement Certificate in Nondestructive Testing Technology

Nondestructive testing technology (NDT) students examine metallic components or weldments to locate and evaluate discontinuities by learning to apply liquid penetrant (PT), magnetic particle (MT), eddy current (ET), radiographic (RT) and ultrasonic (UT) test methods. Student qualification in each NDT method is based on general, specific and practical examinations administered as prescribed in the American Society for Nondestructive Testing (ASNT) Recommended Practice No. SNT-TC-1A.

This Occupational Endorsement Certificate (OEC) provides foundational skills required for entry into the nondestructive testing industry.

Admission Requirements

- Complete the Admission Requirements for Occupational Endorsement Certificates (<http://catalog.uaa.alaska.edu/academicpoliciesprocesses/admissions/undergraduate/>).

Graduation Requirements

- Complete the General University Requirements for Occupational Endorsement Certificates (<http://catalog.uaa.alaska.edu/undergraduateprograms/oecrequirements/>).
- Successfully pass at least two separate industry-recognized welder certifications.
- Complete the following major requirements:

Code	Title	Credits
MATH A105	Intermediate Algebra (or any course for which MATH A105 is a prerequisite)	4
NDT A100	Radiographic Testing Safety	2
NDT A261	Ultrasonic Testing	4
NDT A262	General Nondestructive Testing	3
NDT A264	Radiographic Testing	4
WELD A112	Shielded Metal Arc Welding (SMAW)	4
Total		21

A minimum of 21 credits is required for the degree.