

# Occupational Endorsement Certificate in Nondestructive Testing Technology

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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 OEC provides foundational skills required for entry into the nondestructive testing industry.

## Admission Requirements

Complete the Application and 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/>).
- Complete the Program Requirements below.
- Successfully pass at least two separate industry-recognized welder certifications.

## Program Requirements

Code	Title	Credits
MATH A105	Intermediate Algebra (or any course for which MATH A105 is a prerequisite)	3
WELD A112	Shielded Metal Arc Welding (SMAW)	4
WELD A261	Ultrasonic Testing	4
WELD A262	General Nondestructive Testing	3
WELD A263	Radiographic Testing Safety	2
WELD A264	Radiographic Testing	4
<b>Total</b>		<b>20</b>

A minimum of 20 credits is required for this OEC.