

NONDESTRUCTIVE TESTING

Certificate

Nondestructive testing (NDT) is the examination, test, or evaluation of a part without destroying or altering the part in any way, for the purpose of determining whether conditions exist that might have an effect on the usefulness of the part. Great Bay helps prepare students for employment as high-quality entry-level technicians within the diverse industries that NDT serves. This program provides technical training in the inspection methods most commonly used in industries including radiography (RT), ultrasonic (UT), and liquid penetrant (PT), as well as visual inspection.

The NDT courses developed use the American Society for Nondestructive Testing, Inc. and National Aerospace Standard (NAS) and meet formal training requirements. Industry certification as an NDT Technician must be provided by an employer. NDT Technician requirements for certification include a specific number of classroom (formal) training for each inspection method, plus a specific number of hours of experience on the job. This program is designed to meet the requirements of classroom hours for level II technicians without previous level 1 certification. On the job experience must be completed after being hired by the company who will do the actual certification.

This certificate is offered at our Rochester Campus.



Admissions Criteria:

1. Complete application to the program.
2. Provide proof of high school completion or equivalent.
3. Provide official copy of prior college transcripts if appropriate.

Prior experience or knowledge in manufacturing is recommended.

TAKE THE NEXT STEP!

Apply today: greatbay.edu/admissions
gbadmissions@ccsnh.edu | (603) 427-7632
320 Corporate Drive
Portsmouth, NH 03801

Your Road to *Success*

26-28 Credits to Complete

NONDESTRUCTIVE TESTING

CURRICULUM:

First Semester:

MANF 120G - Technical Blueprint Reading

MANF 230G - Manufacturing Ethics

CIS 110G/107G - Intro to Computers or
Essentials of Computer Literacy

MATH 145G/147G - Quantitative Reasoning /
Plus

NDT 110G - Intro to Nondestructive Testing

Additional Coursework:

MANF 254G - Quality Inspection & CMM

Select 10 credits from the following:

NDT 210G - Liquid Penetrant Testing

NDT 212G - Ultrasonic Inspection

NDT 214G - Radiographic Testing

NDT 205G—Visual Testing

NDT 211G—Magnetic Particle Testing

NDT 215G—Digital Radiographic Testing

NDT 220G—Eddy Current Testing

*Courses are subject to change. Please refer to
Catalog for suggested pathway.*

Revised 4/1/2022



Great Bay
Community College

CHOOSE COMMUNITY

WHY GREAT BAY?

- 60+ Degree/Certificate Programs
- Small class sizes
(avg 15:1 student/faculty ratio)
- Highly qualified and experienced faculty
- Transfer to 4-year or direct to career after graduation
- 70% of full time students receive financial aid
- No application fee
- Academic Support to include free tutoring
- Athletics and Student Life opportunities
- Flexible campus, online, hybrid course options
- ***Lowest tuition and fees in New Hampshire***



Want to find out more? Click the QR code to visit the Great Bay Admissions webpage, where you can learn how to apply, explore all our academic programs, take a virtual campus tour, or sign up for an open house or information session.

Ready to Take the Next Step?

Contact Admissions at (603) 427-7632 or gbadmissions@ccsnh.edu

