



# NONDESTRUCTIVE TESTING TECHNOLOGY

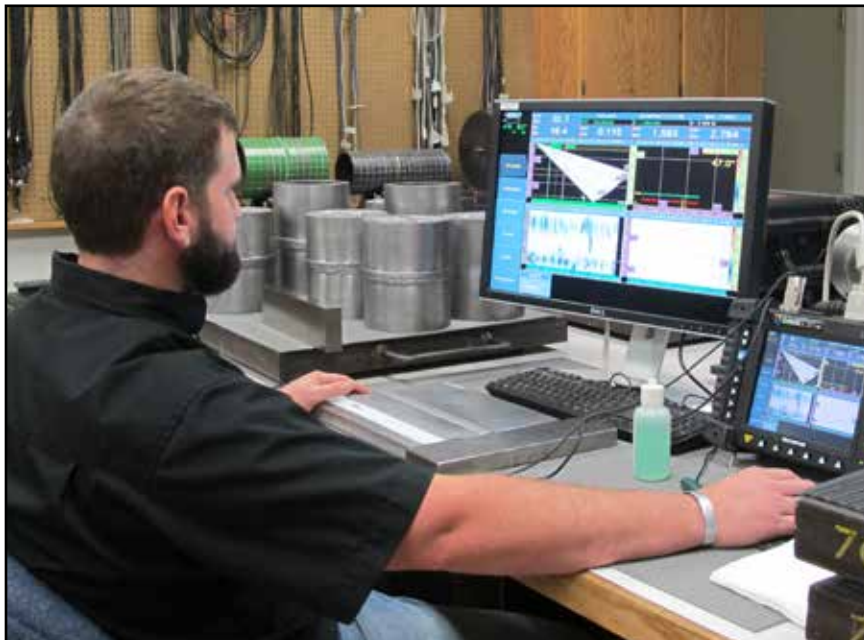
Associate of Applied Science Degree

MILFORD CAMPUS

[www.southeast.edu/NondestructiveTestingTech](http://www.southeast.edu/NondestructiveTestingTech)



*Our Nondestructive Testing Technology program is one of a few programs of its kind in the United States. We train students to examine products and materials for flaws without damaging the products. Graduates take pride in knowing they are doing something to keep our world safe. Jobs can be found in many industries, including aerospace, power generation and utilities, chemical and petrochemical, defense and military (civilian and enlisted), general manufacturing, and transportation.*



## Graduate Earnings

Recent graduates report an average starting wage of \$20.70 per hour.

## Types of jobs available:

- NDT Technician
- NDT Inspector
- Sales and Marketing Specialist
- NDT Engineer
- Research and Development Specialist
- Contractor
- Business Owner



## For more information contact:

Randy Walbridge, Program Chair  
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[rwalbrid@southeast.edu](mailto:rwalbrid@southeast.edu)

or the College Admissions Office  
Milford 402-761-8243, 800-933-7223 ext. 8243

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Listed are the courses necessary for a full-time student to complete an A.A.S. degree in Nondestructive Testing Technology. Students must attain a grade of "C" or higher in all NDTT courses to receive an A.A.S. degree.

## Required NDTT Courses:

Course #	Course title	Credit hrs
NDTT1121	Visual Inspection Methods	4.5
NDTT1133	Manufacturing Processes	10.0
NDTT1164	Blueprint Reading & CAD	5.0
NDTT1236	Electrical & Electronic Fundamentals	5.0
NDTT1255	NDT Methods	10.0
NDTT1263	Metallurgy	6.5
NDTT1356	Liquid Penetrant	3.0
NDTT1360	Ultrasonics I	7.5
NDTT1450	Eddy Current I	2.5
NDTT1458	Magnetic Particle	4.0
NDTT1464	Radiography I	9.0
NDTT1470	Radiation Safety & Administration	5.0
NDTT2040	NDTT Mathematics	4.5
NDTT2569	Radiography II & Film Interpretation	8.0
NDTT2570	Eddy Current II	10.0
NDTT2652	Ultrasonics II	8.0
NDTT2675	Computer Applications in NDT	4.5
NDTT2679	Code Interpretation & Procedure Development	4.5
WELD1182	Welding Process for NDT	3.0
		114.5 hours

## General Education Requirements:

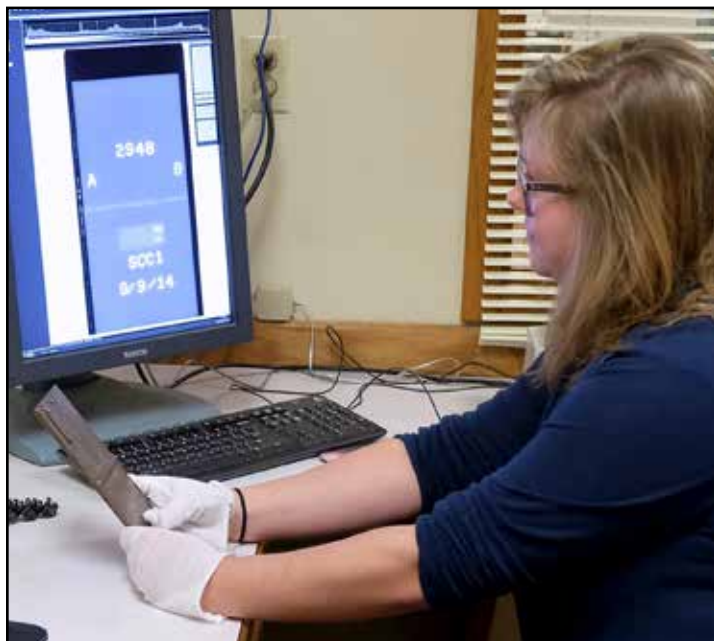
Contact your program advisor to select general education courses from each category which will meet your program's graduation requirements. See the General Education pages online for a complete list.

(One class from each area below)

Oral Communications	4.5
Written Communications	4.5
Mathematics	4.5
MATH1050 (with a grade of C or higher)	
(Plus two classes from the four areas below; no two classes from the same area)	
Science, Social Science, Humanities, and/or Computer Technology	9.0 22.5 hours

## In addition students must complete the following courses:

BSAD2540	Principles of Management	4.5
PHYS1017	Technical Physics	4.5
		9.0 hours



## Estimated Expenses

To determine overall costs, students should plan a budget that includes room, meals, clothing, laundry, medical care, recreation and entertainment, transportation, insurance, etc.

Nebraska Resident tuition rate is \$65.50 per credit hour. Out-of-state tuition rate is \$79.50 per credit hour.

Student fee is \$2 per credit hour. Graduation fee is \$25.

Housing is available at Beatrice and Milford campuses only. Tuition, books and fees are dependent upon classes taken.

### FIRST QUARTER

Tuition And Fees	\$1,823
Books	1,130
Tools	70
Supplies (Kit)	200
<b>Total</b>	<b>\$3,223</b>

### SECOND QUARTER

Tuition And Fees	\$1,755
Books	550
<b>Total</b>	<b>\$2,305</b>

### THIRD QUARTER

Tuition And Fees	\$1,620
Books	550
<b>Total</b>	<b>\$2,170</b>

### FOURTH QUARTER

Tuition And Fees	\$1,688
Books	825
<b>Total</b>	<b>\$2,513</b>

### FIFTH QUARTER

Tuition And Fees	\$1,519
Books	475
<b>Total</b>	<b>\$1,994</b>

### SIXTH QUARTER

Tuition And Fees	\$1,452
Books	950
<b>Total</b>	<b>\$2,402</b>

**Total Estimate For Program \$14,607**

## Basic Tools for Program

\*May be purchased at the campus bookstore. A 10% discount will be given at the campus bookstore if the following items are purchased as a complete set.

- \* Sharp 506 Calculator, or equivalent scientific calculator
  - \* Pocket Pen Light w/Batteries
  - \* Fillet Gage
  - \* V-Wac Gage
  - \* 6" Steel Rule
  - \* 1/4" Graph Pad
  - \* 8" Pliers
  - \* 12' Tape Measure
  - \* #81 Circle Template
  - \* Set of French Curves
  - \* VIS-A-VIS Overhead Projector Pen (pkg. of 4)
  - \* Flash Drive Computer Disk (minimum of 2 GB)
  - \* Large Circle Template
  - \* Safety Glasses (must meet Z87 specs.)
  - \* Watch/Stopwatch (capable of measuring time in seconds)
  - \* Protractor - Alvin No. 375 or equivalent
  - \* 0-1" Micrometer, Vernier Scale (not digital)
  - (2) Hexalon Lead Screens .005"
  - (2) Hexalon Lead Screens .010"
  - (2) NDR Flexible Cassette
  - UT Slide Rule
  - 6" Screwdriver - Standard Blade
  - Small Phillips Screwdriver
  - Sharpie Permanent Marker
  - Illuminated Magnifying Lens (10x)
- Not included in kit:**
- \* Leather Welding Gloves

