



## Personality + Career

*You are a good fit for this program if you enjoy using scientific principles to investigate the nature of parts, components, and structures used in various aspects of industry. You may find a career that requires travel, as well as relocation.*

Program	What do students learn in the program?	What do students earn?	Career Opportunities	Are graduates prepared for/to complete exams for specific credentials/licensing/certifications at the end of the program (each credential level)?	Required Tools, Supplies, and Uniforms
Nondestructive Testing Technology	Students learn the six primary methods of Nondestructive Testing, which includes Visual, Liquid Penetrant, Magnetic Particle, Ultrasonics, Radiography, and Eddy Current testing techniques. Along with how to apply them and analyze the results.	\$26.70 per hour; \$55,536 annually	NDT Technician Project Lead Manager Researcher	Yes, graduates should be capable of successfully completing Level I and Level II Certification exams.	A supply kit (list included) is available in the Campus Store.

### Related SCC Programs:

- **Electronic Systems Technology**
- **Electrical/Electromechanical Technology**
- **Energy Generation Operations**
- **Design & Drafting Technology (Computer Aided Design & Drafting focus)**
- **Manufacturing Engineering Technology**
- **Precision Machining and Automation Technology**
- **Technical Skills Instructor**
- **Welding Technology**



### » Your Next Steps to Choose SCC

- Schedule a Campus Visit - [southeast.edu/visit](https://southeast.edu/visit)
- Explore career options with an Admissions Counselor - [southeast.edu/admissionsadvising](https://southeast.edu/admissionsadvising)
- Apply - [southeast.edu/applynow](https://southeast.edu/applynow)

### » Paying for SCC

- Free Application for Federal Student Aid (FAFSA) - [studentaid.gov/h/apply-for-aid/fafsa](https://studentaid.gov/h/apply-for-aid/fafsa)
- Scholarships - [southeast.edu/scholarships](https://southeast.edu/scholarships)
- Payment Plan - [mycollegepaymentplan.com/southeast](https://mycollegepaymentplan.com/southeast)
- Veteran Education Benefits - [southeast.edu/veterans-services](https://southeast.edu/veterans-services)
- GAP Assistance Program - [southeast.edu/gap](https://southeast.edu/gap)
- Children of State Teammate Tuition Reimbursement Program - [southeast.edu/children-of-state-teammate-tuition-reimbursement-program](https://southeast.edu/children-of-state-teammate-tuition-reimbursement-program)



Scan this code to find out more about Nondestructive Testing

### Contact Admissions to get started!

402-437-2600, 800-642-4075 ext. 2600

✉ [admissions@southeast.edu](mailto:admissions@southeast.edu)



2024-2025 / » [southeast.edu](https://southeast.edu)

## Nondestructive Testing Technology



The Nondestructive Testing Technology program, one of a few programs of its kind in the United States, teaches various inspection methods used in industry to examine an object without destroying its usefulness.

Students learn to use Radiography, Ultrasonics, Eddy Current, Liquid Penetrant, Magnetic Particle and Visual inspection techniques. The program prepares students to be employed as technicians in a variety of industries, including aircraft and aerospace, power generation and utilities, chemical and petrochemical, defense and military, general manufacturing, and transportation. Nondestructive testing technicians are in great demand throughout the United States, and career opportunities are diverse, ranging from technician/lead technician to performing in supervisory/administrative capacities.

### Program Contact Information

**Zachary Kisby, Program Chair**

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# The SCC Experience

- » Students spend 70% of their time in the lab learning the use of Radiography, Ultrasonics, Eddy Current, Liquid Penetrant, Magnetic Particle, and Visual inspection techniques. These techniques are used in real-life work environments so you'll have the knowledge and skills when you begin your career.
- » Students have the opportunity to perform live inspections on materials and components used in industrial applications within real-world industries.
- » Companies from around the United States recruit SCC Nondestructive Testing graduates as the program is well recognized in the industry as producing highly skilled technicians. Many students complete internships during the summer term, giving them additional experience prior to entering the workforce.
- » NDT Technicians play an important part in our society as they provide safety of both lives and property and compliance with required industry regulations. SCC's program prepares students to learn skills that will lead to many opportunities. One recent graduate was hired by the company that was responsible for putting a rover on Mars.



### Nondestructive Testing Technology Required Supplies List

\*May be purchased at the Campus Store.

A 10% discount will be given at the Campus Store 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)
- 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



Program	Credential	Location	Credit Hours	Tuition/Fees*	Books/Fees/Supplies	Tools	Total Cost*	Starting Term(s)	Number of Semesters Required - Full Time	Is Summer Term Required for Full Time?	Online Option	Can the Program be Completed Entirely Online?	Part-Time Option	Number of Semesters Required - Part Time	Is Summer Term Required for Part Time?	Typical Class Schedule
Nondestructive Testing Technology	Associate of Applied Science	Milford	66	R- \$8,118 NR- \$9,504	\$3,117	\$554	R- \$11,789 NR- \$13,175	Fall, Spring	4	No	No	No	Yes	Dependent on student's pace.	No	Monday - Thursday 8 a.m. – 4 p.m. Fridays 8 a.m. – Noon

\*R=Resident, NR=Non-resident. Costs listed are estimates and are subject to change based on the market price of books, supplies, tools, uniforms, etc. Estimated costs also include tuition and fees. Additionally, days/times of week for class, lab, clinical/practicum are subject to change based on curriculum, facilities, instructor, and site availability. Actual program schedules will be provided prior to each enrolled term.