

Non-Destructive Testing

Curious? Examine anything—without braking it?

Career Preparation

The Non-Destructive Testing Program is unique. Students are prepared to perform examinations using radiography, magnetic particles, eddy currents, liquid penetrant and ultrasonics on component parts in a manner that will not impair their future usefulness.

Why SLCC?

Non-Destructive Testing (NDT) methods are used in a variety of industries including aerospace, petrochemical, automotive, nuclear, marine, electronics, construction, aircraft, materials joining, utilities, and many others. Students learn to perform basic testing techniques on both metals and non-metals, as well as how to evaluate results and write final reports. Learning is enhanced through field trips to area businesses and presentations by guest speakers. The first two semesters in NDT training is focused on basic manufacturing and materials-joining processes, including visual inspection, magnetic particles and liquid penetrant techniques. The third and fourth semesters include eddy current, radiography and ultrasonics, and are dedicated to advanced study of these testing methods as well as computer applications.

Class Preparation

Taking courses in mathematics, communication, and Quality Control will help you in this program, but is not mandatory.

Career & Salary

Non-Destructive Testing Technicians work in industries such as: aerospace, petro-chemical, composite, automotive, nuclear, marine, electronics, aircraft, and utilities.

NDT Technician: **\$48,741**
(Annual salary median from USA/salary.com)

Degree & Time

Non-Destructive Testing (AAS) Degree: **64 Cr. Hrs.**
Certificate of Completion—Non-Destructive Testing Eddy Current, Radiography or Ultrasonics: **32-25 Cr. Hrs.**

Cost

Regular Tuition and Books: **\$7,500 approx. total**
(5 full-time semesters)

For more information:

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General Information 801-957-2140
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slcc.edu/aviationmaintenance

