

**ADDITIONAL INFORMATION**  
 For information on the field of  
 non-destructive examination, including career  
 opportunities, visit [www.asnt.org](http://www.asnt.org) and  
[www.ndted.org/Careers/NDTvideo/NDTMovie.htm](http://www.ndted.org/Careers/NDTvideo/NDTMovie.htm).

For more information on CPCC's  
 new NDET program, contact:  
**Anver Classens**  
 704.330.4428  
[anver.classens@cpcc.edu](mailto:anver.classens@cpcc.edu)  
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 704.330.4434  
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**Get There.**

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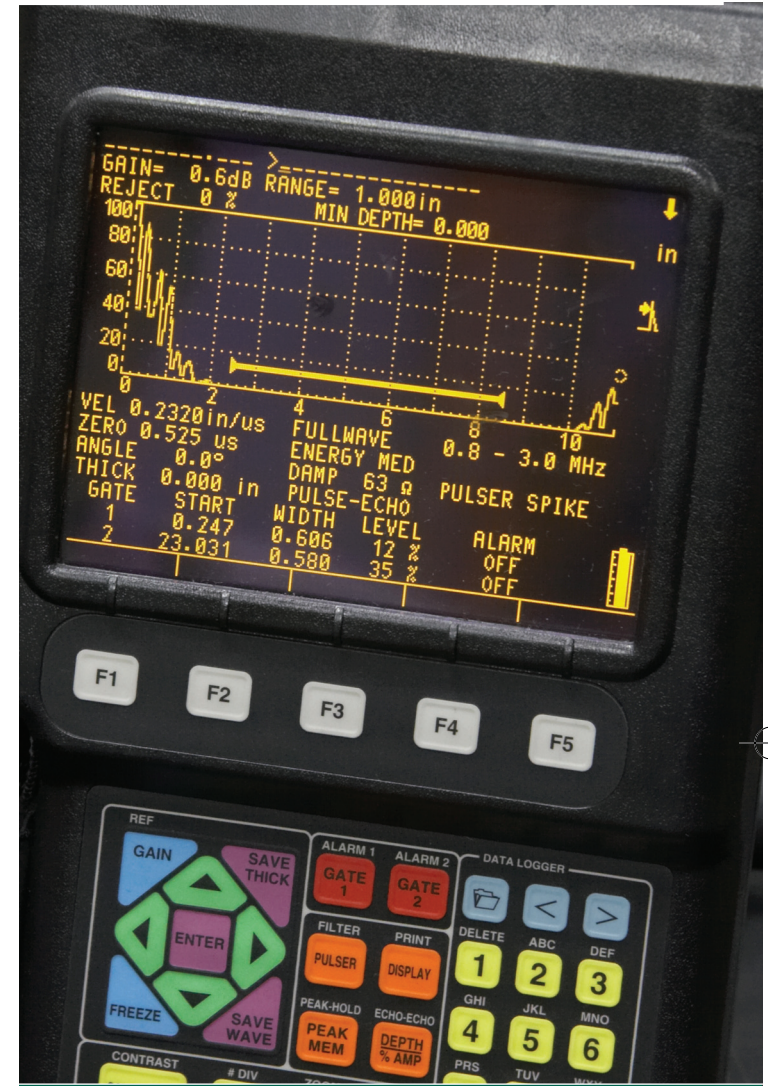
**Non-Destructive Examination Technology**

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[www.cpcc.edu/ndet](http://www.cpcc.edu/ndet)

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**ASSOCIATE'S DEGREE PROGRAM**



**Non-Destructive Examination Technology**



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**Thinking about a job in engineering? Construction? Welding? Learn about CPCC's NDET degree and the in-demand specialty known as non-destructive examination!**

### **What is non-destructive examination (NDE)?**

Non-destructive examination is a form of examining a material or part without damaging the intended usefulness of the component. Unlike destructive examination, where the part is destroyed as a part of the examination, NDE methods are applied to find hidden indications of potential flaws. These are then compared to standards, established by sound engineering principles, to determine if the part can continue in service. NDE is often a routine part of design, manufacture and in-service testing performed to better establish and assess the reliability of the part in its design function.

NDE plays a big role in keeping our world safe and is used to test many of the things that you come in contact with everyday. NDE methods are used to make sure that important parts on airplanes, trains, and automobiles are free of defects that could lead to an accident. NDE is also used in many other industries to make sure that parts do not have defects that would lead to dissatisfied customers.

**The career outlook for NDE technicians is very bright!**

NDE is universally applied across many industries. As a result, the methods are diverse and applicable to a whole host of components. Applications include:

- Visual examination of bolting, valves, and welds
- Surface examination of vessels, weld preps, and castings
- Volumetric examination of welds, heat exchanger tubing and fiberglass reinforced plastics

Industries where NDE is applied include:

- Aerospace
- Transportation - railroads, ships and bridges
- Power generation - fossil, hydroelectric and nuclear
- Petrochemical
- Pulp and paper
- Research – university, industrial, and military

Admissions and other requirements for the associate's degree program are similar to those for other technology careers, plus some additions.

- Completion of a high school diploma or equivalent is required.
- A CPCC placement test in English and mathematics is required. Developmental classes in mathematics and English courses are available for students to build basic skills and knowledge.
- A counseling/orientation appointment follows placement testing.

Students completing the A.A.S. degree program will be qualified to meet industry recognized standards leading to industry certification with additional on-the-job training.



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