



## NON-DESTRUCTIVE TESTING Training Programs

Carestream NDT is pleased to offer specialized training programs designed specifically to meet the expanding needs of the Non-Destructive Testing industry.

Over 100 years of imaging excellence across the globe is the foundation for our training course that covers everything you'll need to know about the science of digital imaging.

Rich in history and leading the industry with innovation, the Carestream team prides itself on knowledge, dedication and commitment to our field. Every one of our training courses reflects this philosophy.



### **COURSE TITLE:**

### **40 Hour Digital Radiography Course for NDT**

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- Designed to meet the aerospace industry's demanding guidelines for digital radiography training and qualifications, including specific guidelines of the Metals Affordability Initiative (MAI), Federal Working Group on Industrial Digital Radiography (FWGIDR), and the Defense Working Group on Non-Destructive Testing (DWGNDT).
- Qualifies for (10) points towards ASNT NDT Certification renewals
- Candidates should have a background in film radiology (RT Level I or Level II) in order to attend.
- Students have access to a full radiography laboratory including a variety of x-ray sources and digital capture devices for hands-on training.
- The course is split between classroom instruction and hands-on laboratory time.
- Classes given at our training facility in Rochester, NY (on-site training also available).
- Small class size allows for maximum interaction between student and instructors.
- Copies of course materials and a final certificate of course completion provided.

Let Carestream NDT's experience and dedication benefit you and your team. Contact your local Carestream NDT representative for more information or to schedule a training session today and start down the path to a better learning experience.

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### **COST FOR THIS COURSE IS \$1,500 PER STUDENT**

Order Number 1031640 (INDX NDT DIG RAD TRAINING 40-HR)

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\*ASNT Limited Certifications typically require only 24 hours of training. Attendee's remaining through the full 40 hours will receive certification for 40 hours.

## COURSE DESCRIPTIONS:

### Level I Outline

- Digital Introduction:  
Definitions and Terminology
- Digital System Overview:  
Components and Procedures
- Digital System Operation:  
Process Control
- Image Fidelity:  
Indicators and Image Attributes
- Detectors:  
Exposure, Imaging and Handling
- Technique:  
Set-up, Exposures and Settings

### Level II Outline

- Overview: DR/CR Basics
- Technique Requirements  
and Documentation
- Image Review and Evaluation
- Process Control
- Hands-on Lab Time

### Level III Outline

- Non-Film Radiology Overview
- Common Digital System Elements and  
Digital Image Properties
- Computed Radiology Testing
- Digital Detector Array Testing
- Computed Tomography Testing

## COURSE TRAINERS:

### Steve Mango

#### Worldwide Technical Manager, Non-Destructive Testing



A Kodak employee for over 30 years, Steve Mango joined the company's non-destructive testing (NDT) group in 2002 – now a business unit of Carestream, Inc. He currently serves as worldwide technical manager, overseeing all regional activities dealing with Carestream non-destructive testing products. Mango also manages the latest technologies in digital radiography at Carestream's state-of-the-art NDT demonstration lab located in Rochester, NY. In previous years, Mango served in various technical and managerial roles at KODAK such as quality/applications specialist, systems engineer, aerial product development manager, and regional account manager for Northeast U.S. and Latin America aerial imaging markets. Mango has authored, presented, and published several papers on various aspects of digital radiography and is an active member of American Society of Non-Destructive Testing (ASNT) and ASTM International. He is a graduate of Rochester Institute of Technology with a bachelor's degree in image science.

### Brian White

#### Technology Development Manager, Nondestructive Testing



A Kodak and Carestream employee for over 20 years, Brian White joined the Carestream Nondestructive Testing business in 2012. He currently serves as a technology development manager, supporting regional activities and dealing with Carestream nondestructive testing systems for computed and digital radiography. Previously, White served in various scientific and engineering roles such as development manager, engineering manager, commercialization leader, and product development engineer. He was the lead design engineer for Carestream's Industrex Flex XL, HR, and GP Digital Imaging Plates utilized for computed radiography.

White has a six sigma blackbelt certification. He is a member of the American Society for Nondestructive Testing and the American Society for Testing and Materials. He is a graduate of Rochester Institute of Technology with a bachelor's degree in Imaging Science.