X-RAY UNIVERSITY™

NSI
NORTH STAR IMAGING

Welcome

X-RAY UNIVERSITY

X-ray University provides the technical training you need for industrial digital radiography and computed tomography. New operator training packages give you the flexibility to select when, where, and how you learn to operate your North Star Imaging X-ray system. This training will cover everything you need to know to get started on your new system.

X-ray University classroom courses allow you to learn in-person or through our self-paced online training platform. Our classroom courses provide the required education to achieve Level 1, 2, or 3 certifications in accordance with The American Society for Nondestructive Testing, Inc. (ASNT) Recommended Practice No. SNT-TC-1A.

X-ray University also offers advanced coursework and hands-on learning at your site. This is a great way for you to learn the application of our technologies for your specific needs and requirements.

X-RAY UNIVERSITY LEARNING PATHWAYS

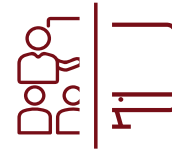| **STEP 1: NEW OPERATOR TRAINING FOR CT, DR, OR DR/PRODUCTION**	
At NSI Facility	• 5 full days onsite at NSI for new system training • eLearning provided before and after install
Hybrid	• 2 days of self-paced eLearning training modules • 3 day onsite customer training after eLearning completion
Full Virtual	• 3 full days of remote/interactive new system training • 2 days of self-paced eLearning training modules
STEP 2: CLASSROOM COURSES (IN-PERSON OR ONLINE LEARNING)	
Level 1	• DR and CT 200 (ASNT/NAS 410 level 1)
Level 2	• DR 300 (DR for Aerospace) (ASNT/NAS 410 level 2)
Level 2 Advanced	• CT 400 - Advanced CT
Expert Level	• CT 500 - Expert Level Hands-On
STEP 3: SPECIALIZED & ADVANCED COURSES	
• Check with your NSI representative for current course offerings. • Custom courses can be developed to specific requirements.	

New Operator Training

AT NSI FACILITY

CT, DR, or DR/Production Operator Training at NSI's Facility

- 5 full days onsite at NSI for new operator training
  - In-person training all week at NSI (Rogers location)
  - Customer system option, used in conjunction with buyoff, train customer for the full week.
  - NSI equipment option, use equipment with similar functionality (SubpiX, MosaiX)
- eLearning included for pre and post training (prior to and after visiting NSI as a refresher).
  - eLearning provided two weeks prior and one month after onsite training.

HYBRID

CT, DR, or DR/Production Operator Training- Hybrid

- Hybrid Training (5 total days of training)
  - Access to a 2-day self paced eLearning's program, up to two weeks in advance of visit.
  - A scheduled 3-day onsite visit for a deeper dive after customer eLearning completion.
- eLearning provided two weeks prior and one month after onsite training.

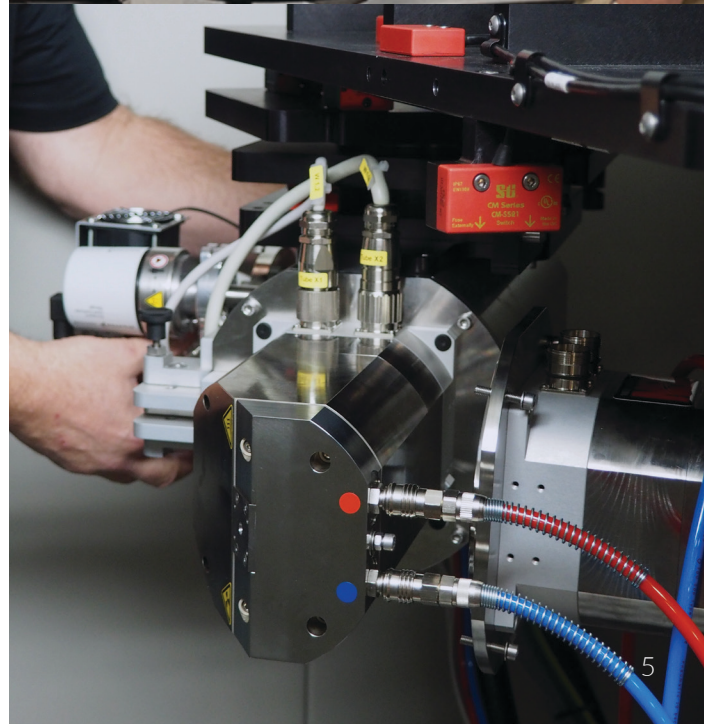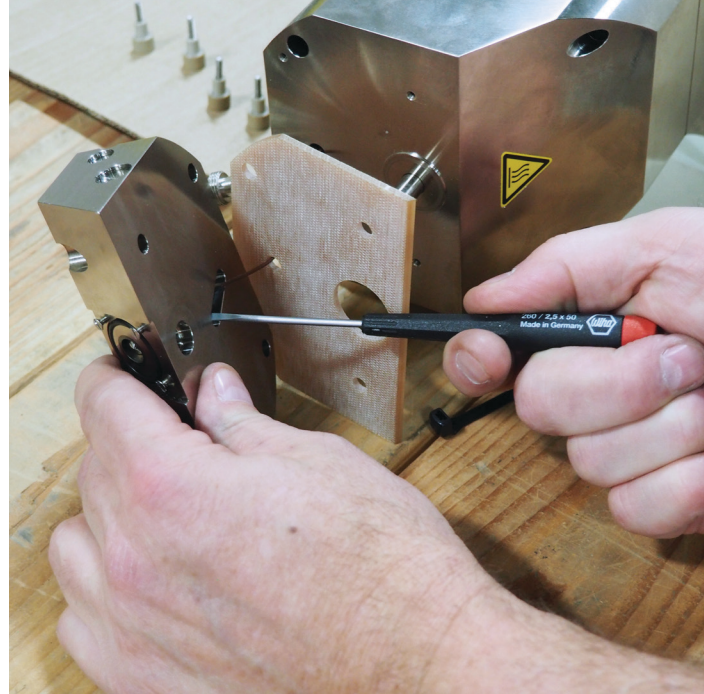## New Operator Training Topics for CT, DR, or DR/Production

- System safety features and operation
- Proper initial system startup and use
- Proper system shutdown sequence
- PC operation and instruction; data repositories, network mapping, data transfer, manuals, and program files
- Equipment walk around and explanation of components and location

- System motion control and programming
- HMI review
- efX software suite review covering efX-DR, efX-View, and efX-CT
- DR acquisition review; covering tube, rotational stage, and detector attributes

CT, DR, or DR/Production Operator Training - Full Virtual Experience

- 3 full days of remote / interactive new operator training.
- Included is the self paced 2-day eLearning, provided two weeks prior and one month after training.
- Requires remote access of NSI machine for interactive training between the student and NSI trainer.
- Interactive live remote instruction includes:
    - Activities and projects for the student to complete
    - Instructor to review via eLearning modules
    - Interactive discusion, Q&A's, customer specific application

- Basic imaging of components and attributes
- CT acquisition and reconstruction attributes
- Production module setup and review (if applicable)
- Process controls

Classroom Training
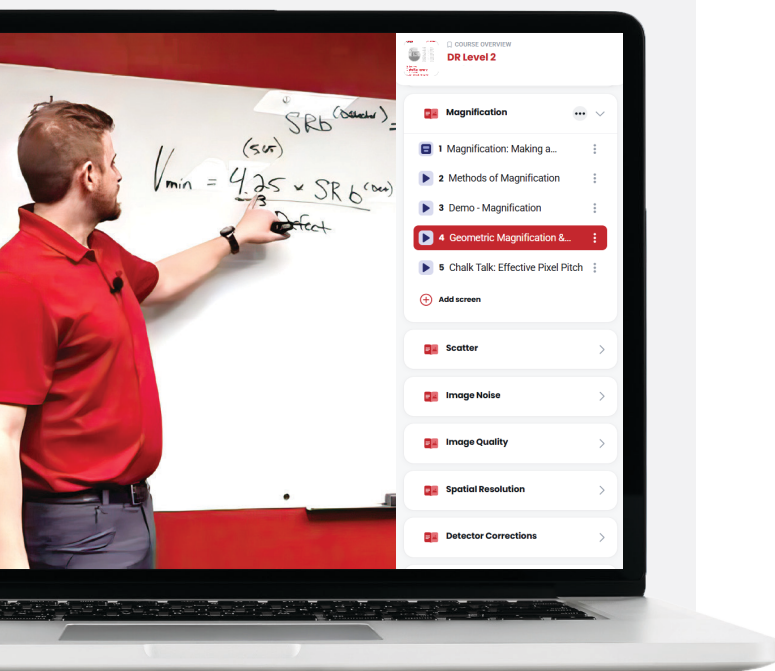

3 SEATS
Group Discount
(Save 5%)

5 SEATS
Group Discount
(Save 10%)

10 SEATS
Group Discount
(Save 20%)

Classroom Training Features and Benefits:

- Interactive classroom settings help promote the exchange of ideas between the instructor and participants. Questions can be answered as they arise, and group discussions can further illuminate topics.
- Practical hands-on training helps verify that the participant thoroughly understands the theory, principles, and application.
- Adherence to a structured and ASNT-validated class schedule ensures that training takes place in a short, set timeframe while meeting ASNT requirements.

eLearning Features and Benefits:

- Participants learn at their own pace and on their schedule with online tools that provide flexibility for individual learning styles.
- Time online can be precisely tracked.
- Periodic quizzes keep participants on track. Subjects that require review can be repeated until they are mastered.
- A comprehensive final exam at the end of each course ensures that the certificate of completion is reflective of the learning by the participant.

On-Location Training Features and Benefits:

- Our courses are available for training at your location.
- We can also customize courses for you.
- If you have multiple employees who need training, training at your location is cost effective way to save on travel costs.
- Our instructor travels to your location.
- Classes can also be scheduled for first or second shift so your employees are available to work.

In-Person Classroom Training

- 40-hour classes have been reviewed as tops in the industry
- Classes include DR & CT level 1, DR level 2, Advanced CT, and Expert CT – Best Data Techniques
- Curriculum in accordance with ASNT No. SNT-TC-1A / NAS 410 / MAI / FWGIDR compliance
- The latest version of our efX-DR software allows for simulations during classroom training.

Online Classroom Training (eLearning)

- Current offerings are attended via self-paced online training platform
- Course Guide provided virtually
- Lab activities are lead via self-paced online portal (LMS)
- Virtual workstations are available allowing remote learners to use all NSI software
- Includes a DR simulation from any computer with a high-speed internet connection

Learning Topics for All Classroom Training

- DR / CT Level 1 and DR level 2
    - Curriculum in accordance with ASNT No. SNT-TC-1A / NAS 410 / MAI / FWGIDR compliance
- General radiography and CT theory
- General and specific technique development process
- Basic and advanced use of NSI hardware and software
- System performance optimization
- Data analysis
- Troubleshooting

ISO 9001:2015
ISO 14001:2015

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