

2017

MTMI

Medical Technology
Management Institute

a division of Herzing University



If you can't
get away,
don't miss out.

Join the class live, on-
line via the Simulcast
on selected dates.

CT Training Course

held in the MTMI Education Center in Wisconsin or via Simulcast

Simulcast
all dates

2017

Jan 30 - Feb 3

June 5 - 9

September 11 - 15

November 13 - 17

register on-line at www.mtmi.net or by phone at 800-765-6864

2017 CT TRAINING COURSE

•• Monday, 8:30 am - 4:30 pm •••••

- Patient Care ~ communication, patient assessment, exam preparation, consent, monitoring and assessment
- Contrast Agents ~ lab values, ACR recommendations, oral and IV contrast methods, allergies and treatments
- Basic Principles, Operational and Components ~ tube (kVp and mAs), generator, detectors, collimation, DAS, computers, array processor
- Image Processing - An Introduction ~ reconstruction, MPR/MIP/minIP/VR, post processing
- Image Display - An Introduction ~ pixel, voxel, matrix, FOV, HU, WW, WL, imaging planes and coordinates, measurement tools

•• Tuesday, 8:30 am - 4:30 pm •••••

- Informatics ~ PACS/DICOM, networking/archiving
- Image Quality - An Introduction ~ spatial/contrast/temporal resolution, noise, QC/QA linearity and uniformity
- Basic CT Anatomy ~ cross sectional terminology, head, spine, chest, abdomen, pelvis

•• Wednesday, 8:30 am - 4:30 pm •••••

- The Physics of CT Scanning ~ creating and processing the CT image, display and archive, window-width/level, gantry requirements, radiation safety and dose

•• Thursday, 8:30 am - 4:30 pm •••••

- Managing CT Patient Dose ~ radiation and the energy of imaging, understanding radiation exposures, measuring and report CT dose, CTDI, DLP, dose creep, ACR, ICRP, Image Gently, Image Wisely, pediatric considerations, technologist
- Image Quality ~ contrast/spatial/temporal, noise, linearity, uniformity
- CT of the Head ~ basic anatomy review, profile of a stroke, types of strokes and their appearance, brain CT scanning protocols, sinus anatomy and pathology on CT, facial bone trauma, COW - angiography
- Soft Tissue Neck and Spines ~ cervical, thoracic and lumbar spine CT
- Thoracic, Abdomen and Pelvis CT ~ common applications for CT evaluations of routine chest w/o & w/contrast, abdomen and pelvic - appendix, liver, pancreas, abdominal aorta, renal system, scanning protocols and timing parameters

•• Friday, 7:30 am - 3:00 pm •••••

- Advanced Imaging Studies ~ cardiac CT, special procedures, biopsy/drainage, Myelography/Arthrography
- Therapy Planning
- PET CT ~ perfusion brain, ARRT examination
- Review content specifications as outlined by the ARRT

~ FACULTY ~

Doug Simpkin, PhD

Kerry Greene-Donnelly, MBA, RT(R)(M)(CT)(QM)

Amber L. Lenhard MBA, B. A. Humanities; BAS; RT(R)(CT)



The CT course will be Simulcast as a Webinar.
Go to www.mtmi.net or call 800-765-6864 for more information

***Agenda is subject to change
please check website for current info.***

COURSE LOCATION

MTMI Education Center
at Herzing University
W140 N8917 Lilly Road
Menomonee Falls, WI 53051
800-765-6864

ACCOMMODATIONS

Four Points by Sheraton Milwaukee North Shore
8900 North Kildeer Court
Brown Deer, WI 53209
Reservations: 800-368-7764 - Ask for the MTMI Group Rate
Rate: \$109.00 - \$114
Make Reservations No later than 2 weeks before the Course
Guest Room Rate Includes Complimentary:
• Airport Shuttle from MKE between the hours of 6AM-10PM
• Daily group shuttle to/from course location at MTMI
• For complete details go to:
<http://www.fourpointsmilwaukeeorth.com/>

BECOME AN MTMI MEMBER

- Membership in the Medical Technology
Management Institute includes:
- ♦ discounts on MTMI programs
~ effective immediately
 - ♦ free certificate replacement
 - ♦ email notification of future MTMI programs

Save on your registration fee!
Check the membership box ☐ on the
registration form
or call MTMI at 800-765-6864

CANCELLATION POLICY

- Refunds, minus a \$50 processing fee, will be granted for cancellations received prior to 3 days before the course.
 - Cancellations received within 3 days of the course will receive a credit toward a future MTMI program, minus the \$50 processing fee. No refunds will be made after the course.
- MTMI reserves the right to cancel any scheduled program because of low advance registration or other reasons. MTMI's liability is limited to a refund of any program tuition paid. MTMI recommends that attendees use refundable airline tickets. In case of cancellation of a seminar for any reason, MTMI is not responsible for travel costs incurred by attendees including non-refundable airline tickets.

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2017

registration form

all courses will be Simulcast as webinars,
check Simulcast ☐ if attending on-line



CT Training Course (check boxes that apply)		
Jan 30-Feb 3	☐ MTMI center	☐ Simulcast
June 5-9	☐ MTMI center	☐ Simulcast
Sep 11-15	☐ MTMI center	☐ Simulcast
Nov 13-17	☐ MTMI center	☐ Simulcast



Name: _____
This is how your name will appear on your certificate.

Home address: _____

City: _____ State: _____ Zip: _____

Day phone: (_____) _____

Evening phone: (_____) _____

Email: _____

Check one:

☐ Check, ☐ Master Card, ☐ Visa, ☐ AMEX, ☐ Discover -Exp date: _____

cc#: _____ 3-dig code: _____

☐ MTMI membership fee: \$39 (discount applies immediately)

Course Fees	regular	*early	member regular	member *early
CT course	\$1095	\$995	\$1070	\$970

Qualifying *early registrations must be made at least 21 days
in advance of the course.

Total:

\$ _____

REGISTRATION

🖱 go to www.mtmi.net , or

✉ complete the registration form and mail it with your tuition
to MTMI, W140 N8917 Lilly Rd, Menomonee Falls, WI 53051, or

☎ call (800) 765-6864 or 📠 fax the form to (414) 238-2740

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~ Receive 16 hours of structured education related to the content specifications as outlined by the ARRT ~

WHO SHOULD ATTEND THIS COURSE

This course is appropriate for technologists wishing to enter the field of CT scanning with no previous experience as well as technologists who have worked in CT without extensive formal training. This is an opportunity to improve your technical knowledge and prepare for the ARRT CT Registry Examination. This course is also appropriate for technologists working with hybrid imaging systems that include CT such as PET/CT or SPECT/CT. A working background in cross-sectional anatomy is desirable, but is not required.

activity approved by
ASRT

CREDIT

This program provides 38 Category A continuing education credits recognized by the ARRT and various licensure states. Attendees must attend the entire course to receive credit.



NEW viewing option:

The CT course

will be simulcast as a webinar!

If you are unable to travel to Milwaukee
you can join us via the internet.