

RIT113 Training Class With IMRT

Approved by CAMPEP for 10 MPCEC hours

EPID User

"I use my EPID with my RIT software for IMRT and MLC measurements. In the RIT training class they taught me their time saving techniques for acquiring and calibrating my EPID images. Using their Plan Based Calibration routine is a snap and the RIT tools to composite EPID images are one of a kind. There is nothing else like it."



CR User

"This class taught me how to use my RIT software with my CR. Their exclusive CR Correction and Calibration routines are easy to learn and quick to perform. The CR is a great film alternative and RIT makes it possible to do all my film-like QA without film and processor. I just jumped the hurdle to filmless and still get the benefit of all of the RIT routines. It's the answer to all of my time QA challenges."



Film User

"I'd taken the RIT training class several years ago and found it very helpful. I recently started using radiochromic film for QA and was uncertain. I attended the class again last month and learned the proper techniques for the optimal use of radiochromic film. Now I am confident on how to use this processor free film, and still get the great RIT analysis routines! I also learned about digital alternatives that I may decide to use soon."



Ion Chamber Array User

"RIT software and Chamber Arrays are a great combination of tools: the absolute measurement of the Chamber Array and the best analysis routines only RIT has. I am a long time RIT user, but I found in my training class that I was using only a few of the routines that are in the product. This class lays it all out with lots of useful examples. Since my training I have dramatically improved both the speed and quality of my QA tests by using many more of the tools that are available to me. This training class empowered me."



It's all about *You*

Course Description

Image Import Options

- Film
 - Types of Film
 - Scanning Films
- EPID (Varian, Siemens, Elekta)
- Kodak CR
- Ion Chamber arrays

Calibration

- Optical Density
- Spatial
- Perpendicular
- Parallel
- MLC Step Wedge
- Plan Based
- EPID

Image Corrections

- Film Processor Correction
- Radiochromic Non-uniformity Correction
- CR Corrections

Stereotactic QA

- Stereotactic Profiles
- Stereotactic Alignment

IMRT Analysis

- Importing plans from your TPS
- Image registration and normalization
- Subtraction
- Distance to Agreement
- Profiles
- Gamma Function and Composite Analysis
- Van Dyk's Analysis
- Isodose contours

CAMPEP Credits

This class will be conducted as described and according to the CAMPEP policies and procedures for MPCEC. This is a classroom lecture with a hands-on lab utilizing practical exercises in Quality Assurance. The class is taught via slide projection with handouts describing each function. The target audience is Medical Physicists. This class is taught by RIT's technical staff.

This is a two day class from 9:30 AM to 3:30 PM on both days. In order to obtain CAMPEP credits, attendees must stay for the entire class. The participants in each course will be provided with a form to evaluate the course and verify attendance.

In order to qualify to receive MPCEC, a physicist must meet at least one of the following requirements:

- Membership in AAPM, ACR, ACMP, or CCPM/COMP
- Certification by the American Board of Radiology (one or more sub-fields of radiological physics)
- Certification by the American Board of Medical Physics
- Certification by the Canadian College of Medical Physics

Tuition

\$900 per attendee. Customers who are current members of the RIT113 Product Maintenance Program (PMP) will receive complimentary entry to these classes during the period in which PMP is in force.

New customers will receive complimentary entry to these classes during the first year after the date of purchase.

What Does Tuition Include?

- The use of an individual computer workstation with fully operational RIT113 software
- In-depth training materials covering all RIT113 routines including IMRT QA
- Complimentary lunch will be provided on-site
- Complimentary transportation between the preferred hotel and the RIT training center is provided on training class days

All other expenses associated with transportation, hotel, meals, etc. are your responsibility.

Hotel Accommodations

If you choose to stay at our preferred hotel, accommodations may be available at a group rate.

For more info, visit <http://www.radimage.com/training/hotel.php> or call 719-590-1077, option 7.

Dates and Location

Visit <http://www.radimage.com/training/producttraining.php> for upcoming class dates or call 719-590-1077, option 7. This is a two day class from 9:30 AM to 3:30 PM on both days. For maximum benefit, attendees are encouraged to stay for the entire class. Additionally, in order to obtain CAMPEP credits, attendees must stay for the entire class. This training course covers only the current version of the RIT113 software.

The RIT training center is located in beautiful Colorado Springs at the base of Pikes Peak and near many outdoor recreational opportunities. RIT's new facility is ADA compliant. The address is:

Radiological Imaging Technology
5065 List Drive
Colorado Springs, CO 80919

For attendees using GPS navigation systems, our coordinates are:
N38° 54.227'
W104° 51.343'
Elevation: 6418 feet

Transportation

Complimentary transportation between the preferred hotel and the RIT training center is provided on the day of your training class. A van will depart the hotel at 9:15 AM and will return you to the hotel at 3:45 PM.

The Colorado Springs Airport is approximately 30 minutes from the RIT Training Center. Transportation to and from the airport are the responsibility of the participant. Taxi cab service is available at the airport. For more information visit <http://www.radimage.com/training/transportation.php>



Dose Analysis

Cross Section
Depth Dose
Flatness and symmetry
Isodose

MLC QA

Statistical Process Control
TG50
Varian MLC tests
MSK method
Bayouth method

Other Measurements

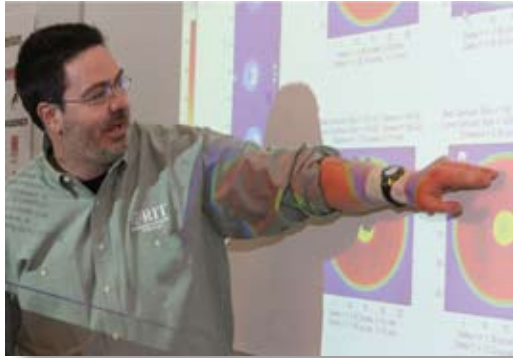
Star Shot
Radiation/Light Field Alignment
Asymmetric Beams
Electron Energy
Quick Flatness and Symmetry
Sensitometry

IGRT QA

Tomotherapy
Cyberknife

QA

Monitor tests
Film scanner tests (ASSURE)



Registering for Class

Classes are filled on a first come, first served basis with registration in a particular class date being made only after the registration process as outlined here has been completed. Attendance in each class is strictly limited to 10 students. Please follow these steps in order:

1. Please call 719-590-1077, option 7 to learn of available class dates and to determine the date of the class you would like to attend.
2. Complete the registration form on the back of this brochure and fax to 719-590-1071 or visit <http://www.radimage.com/training/registration.php> to register electronically.
3. Once a registration form and payment (if applicable) have been received, RIT will confirm that space is available in your selected class date. If space is no longer available in your first choice class date, RIT will offer you alternative dates.
4. RIT will provide you written confirmation via email or mail. You can then make travel and hotel arrangements. **DO NOT MAKE NONREFUNDABLE AIRLINE RESERVATIONS UNTIL YOU HAVE RECEIVED WRITTEN CONFIRMATION OF YOUR REGISTRATION.** If you make airline reservations prior to receiving written confirmation of your registration, RIT will not be responsible for the applicable change fees or refunds.

Cancellations and Refunds

Paid tuition for RIT113 Training Class is fully refundable if RIT is contacted in writing 30 days before the date of the session. **Expenses associated with transportation, hotel, meals, etc. are your responsibility and will not be refunded.** No refunds will be given less than 30 days before the session.

If you fail to attend the training session without written notice, a refund will not be issued. If the original registrant is unable to attend the session, a substitute participant may attend. RIT must be contacted immediately to adjust the class list accordingly.

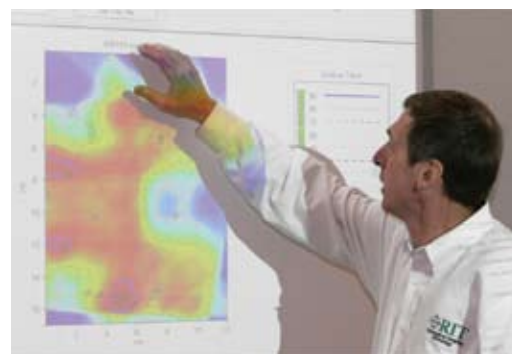
If the training session cannot take place as scheduled due to circumstances beyond RIT's reasonable control or insufficient minimum registrations, RIT's sole responsibility will be to issue a full refund for paid tuition, or reschedule the class for another date. If RIT cancels the session due to insufficient minimum registrations, the registrant will be notified 25 days prior to the session date and may choose an alternate session date or a refund. Refunds will be sent via US mail. If you make airline reservations prior to receiving written confirmation of your registration, RIT will not be responsible for any associated change fees or refunds.

Special Needs

This class is taught in English and all handouts are in English. Please indicate any other special needs that we may accommodate on your registration form and when you are contacted regarding session availability. RIT's new facility on List Drive is ADA compliant.

Area Attractions

RIT's Colorado Springs location offers participants the enticement of extending their stay in the Pikes Peak region. Recreational opportunities include world class sightseeing, hiking, skiing, and camping.



RIT113 Training Class With IMRT Registration Form



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1. Please call 719-590-1077, option 7 to learn of available class dates to determine the date of the class you would like to attend.
2. Complete this registration form, detach and fax it to 719-590-1071. Customers who have purchased the RIT113 Product Maintenance Program (PMP) will receive complimentary entry to these classes during the period in which PMP is in force. New customers will receive complimentary entry to these classes during the first year after the date of purchase. If you do not meet this criteria, see Tuition Payments below.
3. Once a registration form and payment (if applicable) have been received, RIT will confirm that space is available in your selected class date. If space is no longer available in your first choice class date, RIT will offer you alternative dates.
4. RIT will provide you written confirmation via email or mail. You may then make travel and hotel arrangements. **Expenses associated with transportation, hotel, meals, etc. are your responsibility. DO NOT MAKE NONREFUNDABLE AIRLINE RESERVATIONS UNTIL YOU HAVE RECEIVED WRITTEN CONFIRMATION OF YOUR REGISTRATION.**

Name		Facility	
Title / Position			
Address, City, State, Zip			
Phone	Fax	Email Address	
If you would like to receive CAMPEP credits for 10 MPCEC hours, please indicate your membership or association: <input type="checkbox"/> Membership in AAPM, ACR, ACMP, or CCPM/COMP <input type="checkbox"/> Certification by the American Board of Radiology (one or more sub-fields of radiological physics) <input type="checkbox"/> Certification by the American Board of Medical Physics <input type="checkbox"/> Certification by the Canadian College of Medical Physics			
What version of RIT113 are you using? <small>(Only the most recent version of the software is taught in the class.)</small>			
Which TPS System(s) do you use?		What is your RIT113 ability level? <input type="checkbox"/> Beginner <input type="checkbox"/> Intermediate <input type="checkbox"/> Advanced	
Special Needs		<input type="checkbox"/> Check here if you need a vegetarian meal	
Desired class date <small>Call 719-590-1077, option 7 to learn of available class dates</small>		<input type="checkbox"/> Check this box to confirm that you have read and understand RIT training class policies.	

Tuition Payment

<input type="checkbox"/> Bundled:	Customers who have purchased the RIT113 Product Maintenance Program (PMP) will receive complimentary entry to these classes during the period in which PMP is in force. New customers will receive complimentary entry to these classes during the first year after the date of purchase. No payment is due.		
<input type="checkbox"/> Gift Certificate:	Check this box to redeem a Training Class Gift Certificate - fax it along with this completed form.	<input type="checkbox"/> Check:	Make check payable to RIT in the amount of \$900 and mail to: 5065 List Drive Colorado Springs, CO 80919
<input type="checkbox"/> Credit Card:	If you would like to pay your \$900 tuition by credit card, complete this section sign and fax to 719-590-1071.		
<input type="checkbox"/> Visa			
<input type="checkbox"/> Master Card	Card Number _____	Exp. Date _____	
	Name on Card _____	Authorized Signature _____	
	Billing Address, City, State, Zip _____		