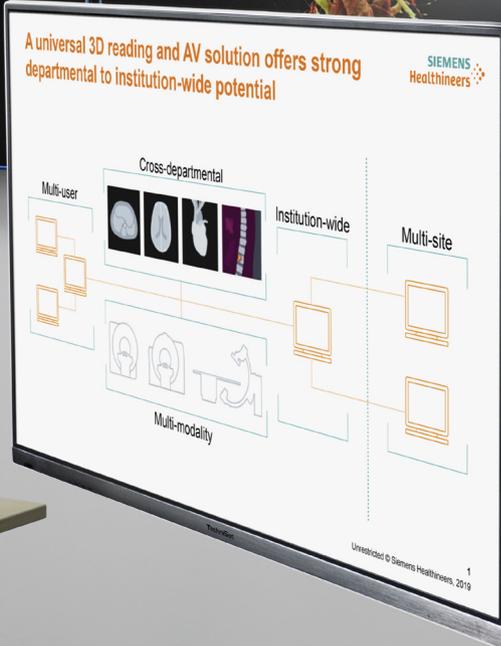


Siemens Healthineers Academy

Training & Education
Course Catalogue

siemens-healthineers.com/en-ph



Empowering your institution with expertise

The constantly growing healthcare market brings up a huge demand for highly skilled staff. Healthcare providers must find the right people and equip them with the right skills at the right time. When a new equipment is purchased, it is very important to ensure that the staff has a seamless start with the new technology. It is equally important that clinical workforce can expand their capabilities over time. At the same time, you want to avoid unpredictable expenditure, so that you can focus on your core business: patient care.

Siemens Healthineers supports you to tackle these challenges. Our Traveling Academy offers you the opportunity to enhance your team's expertise and fast-track their development in operating various healthcare imaging solutions and be able to get more out of the systems' capabilities.





Meet our team!

Our people sets us apart and make a difference in your business

Our Clinical Education Specialists will ensure that your clinical team will be able to master all the necessary skills for a system or specialty using a variety of learning options. All of our Education Specialists have specialized clinical background and extensive experience. Additionally, we provide them with even more extensive training so they can effectively transfer that knowledge to you and your team.

Let our experts train your team to become experts, too!

Regional Applications Team

Kusumasuganda I Gede Ketut
Senior Application Specialist, CT

Niam Bin Mohd Fadzin
Regional Application Specialist, CT

Filamer Abucay
Regional Application Specialist, MI

Hong Ee Quah
Senior Regional Application Specialist, MRI

Wei Chen
Regional Application Specialist, MRI

Hajime Osato
Senior Education Specialist Asia Pacific, AT

Ryan Li
Senior Application Specialist, AT

Local Applications Experts

Vicente Misador, RRT

Krishna Agdeppa, RRT

Juana Jane Zoleta, RRT, MSRT

Joseph Villarama, RRT

Chedilee Molon, RRT

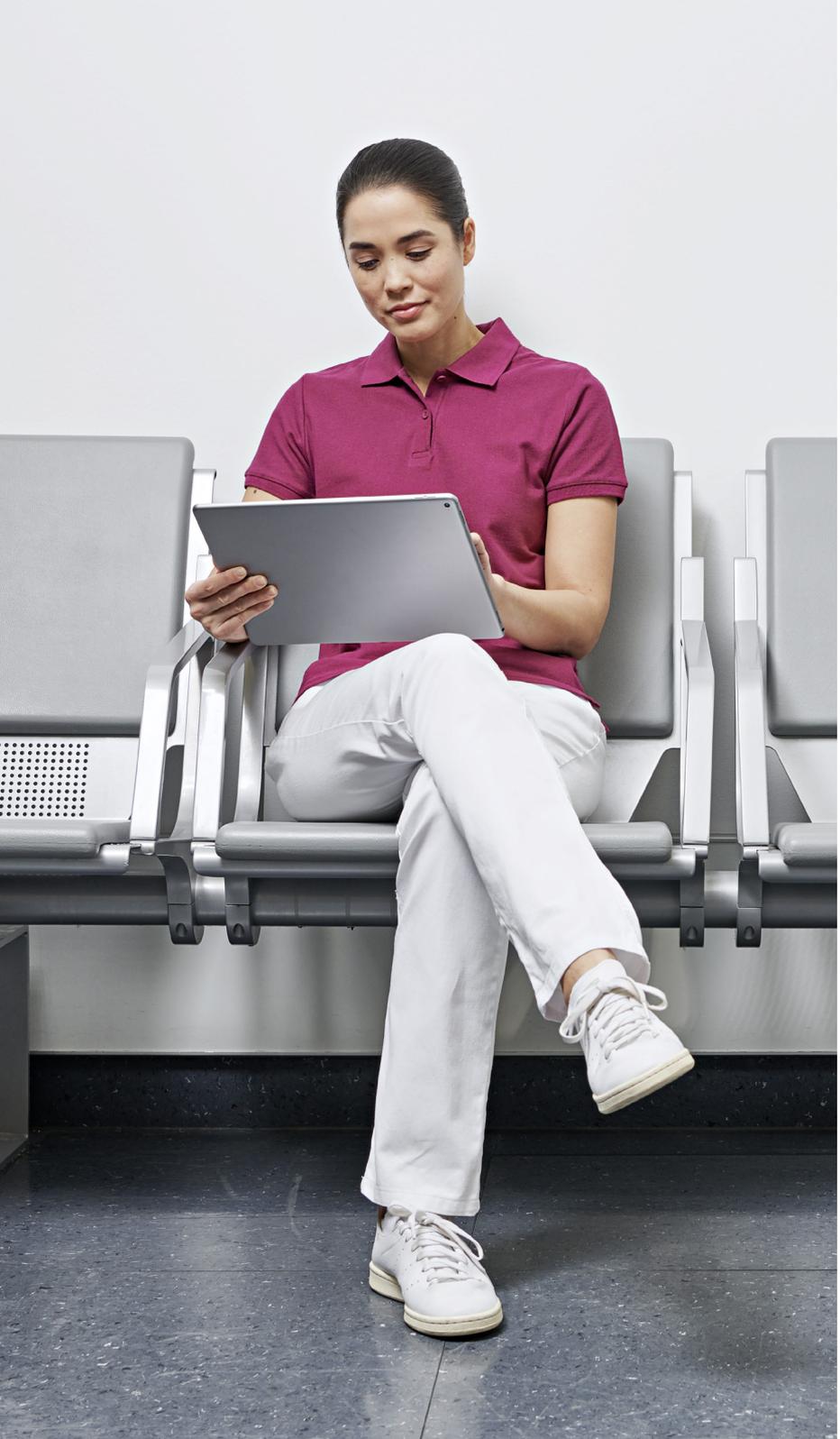
Richard Lirio, RRT

Adrian Luigi Morte, RRT

Maria Liana Mesina, RRT

Olimar Culaway, RRT





Clinical Training & Continuing Education

Our Key Education Services

Siemens Healthineers Academy

E-learning from basic to advanced level, empowering users to tap the full potential of their systems and optimize clinical and financial outcomes.

Excellence Course

For senior technician and super user. Learn the A to Z of the latest technologies in imaging. Combination of E-Learning, On-site workshop and Hands-on session run in your institute.

Tailored Made Trainings and Knowledge Assessment

We start with a knowledge assessment of your entire team and create tailorfit education program just for your institute.

Flex Force Coach

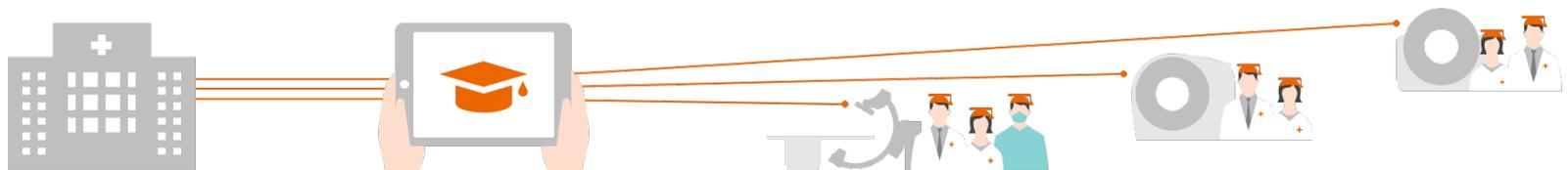
15 days per month on-site coaching for the first 3 months after hand-over training.

Remote Application Support

Provided through SRS/phone

PEP Connection

Premium subscription to personalized education, performance experience of healthcare professional and manage institutions' workforce education.



Siemens Healthineers Academy offers online comprehensive learning and training presided by qualified experts



Online, Anywhere
Online sessions making it convenient for you & your medical staff



Small Class Size
An average of 30 participants per session



Hands-On Sessions
Interactive hands-on sessions using simulators and/or actual system



Network & Learn
Expanding group work and networking focused



Up-to-Date Topics
Presided by professional and qualified lecturers



CPD Accredited
Corresponding CPD points can be earned from the sessions





Participants will be able to learn from basic to advanced techniques in imaging which they can apply in their daily clinical routine. Moreover, we combine interactive sessions with hands-on cloud-based simulators for practical application.

Accessible

Relatable

Impactful

Schedule & Courses

Siemens Healthineers Academy provide means for medical imaging professionals to fast-track their learning and get MORE out of Siemens systems. Our Basic and Advanced course will equip you with the right skills and knowledge needed to boost confidence, streamline workflows and maximize the utilization of software and hardware tools.

MR Essentials and Parameter Optimization

This two-day course is essential for anyone new to MRI or the Siemens Healthineers MRI platform.

MR Cardiac Application

This course delivers the cardiac examination techniques and advanced protocols such as cardiac MR mapping, metal implant imaging and more.

MR Neuro Application

This course focuses on optimization of neuro dedicated protocols and advanced techniques such as perfusion, fMRI, spectroscopy and more.

syngo.via Basics

Covering knowledge of key administration tools and complete utilization of syngo.via basic tools and customization.

CT Angiography

Two days of theoretical and simulation course designed to build confidence to perform CT angiography examinations in the daily routine.

CT Cardiac

The two-day theoretical and simulation course is designed to introduce the user to CT cardiac, from preparation to image processing.

CT Perfusion

This course will give radiographers the basic knowledge of CT perfusion in the brain and body building confidence to perform CT perfusion examination.

CT Dual Energy (Part 1)

The course covers the basic knowledge of CT dual energy scanning and its clinical usage to perform CT dual energy non-contrast examination.

MI SPECT Basics

This two day course gives an preview of SPECT. It throws light on the physics, reconstruction algorithm and clinical benefits of SPECT.

X-ray/Fluoro Dose & IQ management

This workshop provides the knowledge to successfully position anatomy and produce diagnostic images with particular importance placed on good practice and workflow.

Ergonomic Positioning & Tomography for Mammography

This workshop provides the knowledge to successfully position anatomy and produce diagnostic images with particular importance placed on good practice and workflow ergonomic.



Siemens Healthineers Academy

Course Catalogue

Computed Tomography



Training Topics	Rad Techs	Radiologist	Basic Skills	In-Depth Skills
CT Angiography	✓	✓	✓	
CT Cardiac	✓	✓	✓	
CT Perfusion	✓	✓	✓	
CT Dual Energy I	✓	✓		✓

Computed Tomography

CT Angiography

The two-day theoretical and simulation course is designed to give the user an introduction to CT Angiography - from the preparation to image processing. This course will build the confidence of radiographers and impart knowledge to perform CT angiography examinations in the daily routine.

Dates

- For current course dates please refer to our flyers
- This course can also be exclusively tailored to your organization's needs and can be delivered locally to suit your schedule.

Infrastructure

- CT Simulator
- *syngo.via* Workstation

Course Size

- 30 to 40 Participants

Course Content

- Contrast Injection Strategy
- TEST Bolus and CARE Bolus
- CT angiography scan and injection protocol
- Image reconstruction
- Artifact and image quality
- CT Angiography examination
- *syngo.via* CT Neuro DSA
- *syngo.via* CT Vascular
- *syngo.via* Dynamic angio
- *syngo.via* DE Direct angio



Computed Tomography

CT Cardiac

The two-day theoretical and simulation course is designed to give the user an introduction to CT cardiac - from the preparation to image processing. This course will build the confidence of radiographers and impart knowledge to understand CT cardiac principle and perform CT cardiac examinations in their daily routine.

Dates

- For current course dates please refer to our flyer
- This course can also be exclusively tailored to your organization's needs and can be delivered locally to suit your schedule.

Infrastructure

- CT Simulator
- *syngo.via* Workstation

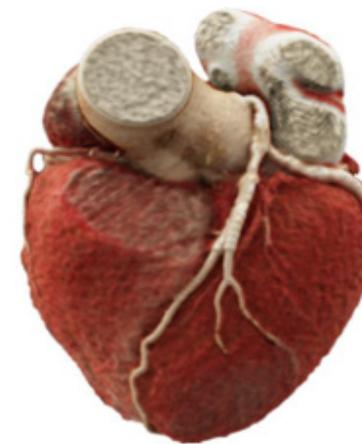
Course Size

- 30 to 40 Participants

Course Content

- Cardiac anatomy and physiology
- Basic principle of CT cardiac
- Patient Registration
- Contrast injection strategy
- CT Cardiac scanning protocol
- Image reconstruction
- Artifact image quality

- CT cardiac examination
- *syngo.via* CT Cardiac



Computed Tomography

CT Perfusion

The two-day theoretical and simulation course is designed to give the user an introduction to CT Perfusion - from the preparation to image processing. This course will give radiographers the basic knowledge on CT Perfusion in the brain and body resulting to building confidence to perform CT Perfusion examinations.

Dates

- For current course dates please refer to our flyer
- This course can also be exclusively tailored to your organization's needs and can be delivered locally to suit your schedule.

Infrastructure

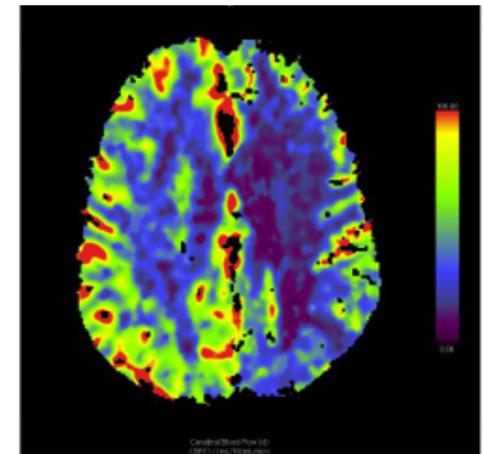
- CT Simulator
- Syngo.via Workstation

Course Size

- 30 to 40 Participants

Course Content

- Basic of CT brain perfusion
- Basic of CT liver perfusion
- Contrast injection strategy
- CT Perfusion scanning protocol
- Image reconstruction
- CT Neuroperfusion
- CT Liver Perfusion
- *syngo.via* CT Neuroperfusion
- *syngo.via* CT Bodyperfusion
- *syngo.via* Dynamic Angio



Computed Tomography

CT Dual Energy I

The two-day theoretical and simulation course is designed to give the user an introduction to CT Dual Energy non-contrast application. This course will give radiographers the basic knowledge on CT Dual Energy scanning and its clinical usage and to build the confidence to perform CT Dual Energy non-contrast examination.

Dates

- For current course dates please refer to our flyer
- This course can also be exclusively tailored to your organization's needs and can be delivered locally to suit your schedule.

Infrastructure

- CT Simulator
- *syngo.via* Workstation

Course Size

- 30 to 40 Participants

Course Content

- Basic of CT Dual Energy
- Different methods in CT dual energy
- CT dual energy protocol
- CT dual energy image reconstruction
- DE principle: mono-energetic, linear blending, material labeling
- CT dual energy examination
- *syngo.via* CT bone marrow
- *syngo.via* CT DE mono-energetic
- *syngo.via* CT DE gout
- *syngo.via* DE kidney stones



Magnetic Resonance Imaging



Training Topics	Rad Techs	Radiologist	Basic Skills	In-Depth Skills
MR Essentials and Parameter Optimization	✓	✓		✓
MR Neurology Application	✓	✓		✓
MR Cardiac Application	✓	✓	✓	

Magnetic Resonance Imaging

MR Essentials and Parameter Optimization

The two-day course provides an overview of MR physics, imaging sequences and parameter adjustments to achieve optimal image quality. It also covers BLADE, iPAT, fat suppression techniques and MR artifacts in detail. This course covers hands-on session which gives participants first hand experience.

Dates

- For current course dates please refer to our flyer
- This course can also be exclusively tailored to your organization's needs and can be delivered locally to suit your schedule.

Infrastructure

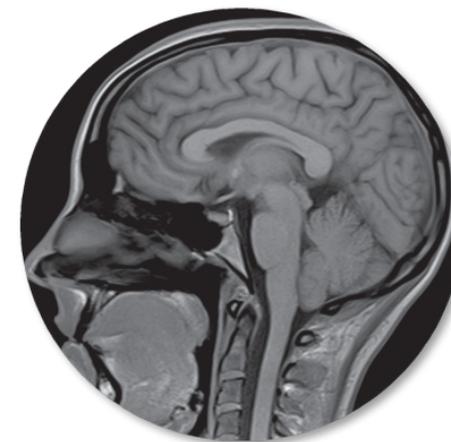
- MRI Simulator
- syngo.via Workstation

Course Size

- 30 to 40 Participants

Course Content

- MR Spin and Signal
- MR Spin Relaxation and Image Contrast
- MR Spatial and Encoding and Image Formation
- MR Artifacts and Remedies
- MR Safety
- MR Pulse Sequence Introduction
- Understand Image Quality and Scan Parameters
- SNR Parameters



Magnetic Resonance Imaging

MR Cardiac Application

The two-day course provides a detailed presentation of MR Cardiac applications - including hands-on sessions. After this course, the radiographers and radiologists will completely understand the cardiac examination techniques and protocols. This course also introduces the advanced cardiac techniques which will point out the developing tendency of cardiac MR.

Dates

- For current course dates please refer to our flyer
- This course can also be exclusively tailored to your organization's needs and can be delivered locally to suit your schedule.

Infrastructure

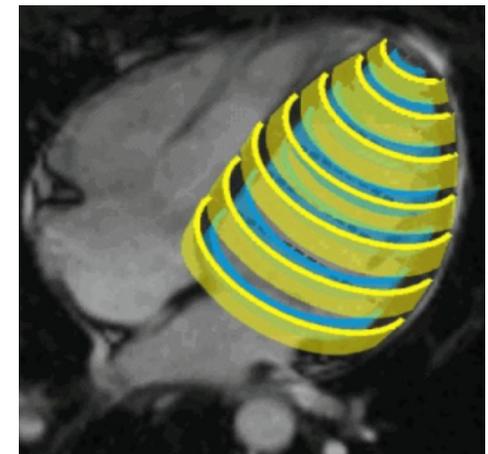
- MRI Simulator
- *syngo.via* Workstation

Course Size

- 30 to 40 Participants

Course Content

- Cardiac Localizer
- Cardiac Morphology
- Cardiac Cine
- Flow Quantification
- Argus/ *Syngo.via* post processing
- Cardiac Perfusion
- Cardiac Late Enhancement
- MR Coronary Imaging
- MR Myomap
- Argus/*syngo.via* post processing



Magnetic Resonance Imaging

MR Neuro Application

The two-day theoretical and hands-on course is designed to introduce the user to advanced neurology application used for both clinical diagnosis and research work. The course will build confidence of radiographers and impart knowledge to perform advanced neurological examinations on a daily routine.

Dates

- For current course dates please refer to our flyer
- This course can also be exclusively tailored to your organization's needs and can be delivered locally to suit your schedule.

Infrastructure

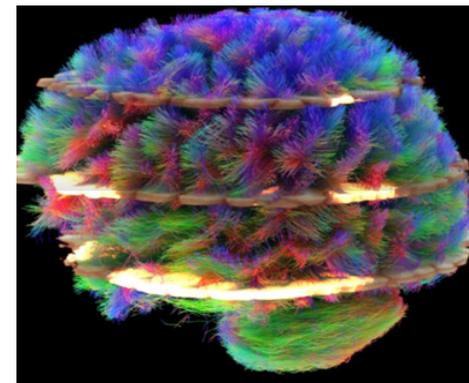
- MRI Simulator
- *syngo.via* Workstation

Course Size

- 30 to 40 Participants

Course Content

- Neuro Diffusion and DTI
- DSC Perfusion
- ASL Perfusion
- Neuro-Perfusion post processing
- Neuro 3D post processing
- fMRI (BOLD)
- Spectroscopy
- Spectroscopy post processing
- Neuro 3D post processing
- Hands-on



Molecular Imaging



Training Topics	Rad Techs	Radiologist	Basic Skills	In-Depth Skills
MI SEPCT Basic	✓	✓	✓	
PET Basics	✓	✓	✓	

Molecular Imaging

SPECT Basic

The two-day course gives an insight into SPECT. It throws light on the physics, reconstruction algorithm and clinical benefits of SPECT.

Dates

- For current course dates please refer to our flyer
- This course can also be exclusively tailored to your organization's needs and can be delivered locally to suit your schedule.

Course Size

- 30 to 40 Participants

Course Content

- Medical background of SPECT Physics
- Tomo Reconstruction Algorithm
- Quality Control
- Image Artifact
- CT Physics
- SPECT-CT Clinical Benefits
- New Reconstruction Method
- New Quantitative Technology



Molecular Imaging

PET Basics

The two-day course gives an insight into PET imaging. It throws light on the physics behind PET, reconstruction methods/ algorithms and clinical benefits of PET.

Dates

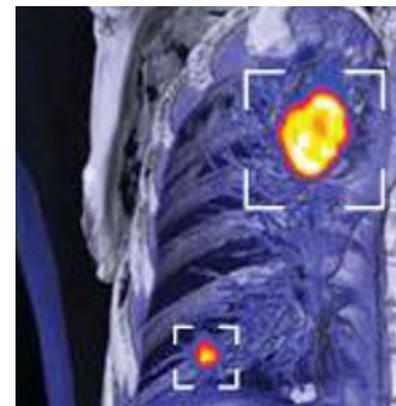
- For current course dates please refer to our flyer
- This course can also be exclusively tailored to your organization's needs and can be delivered locally to suit your schedule.

Course Size

- 30 to 40 Participants

Course Content

- CT Physics
- PET Physics
- PET Physics – Attenuation Correction
- Quality Control
- FDG Clinical Application
- FDG Image Artifact
- New Technology
 - Reconstruction Method
 - Cardiac Gating
- New Technology
 - Respiratory Gating
 - Radiation Therapy



Women's Health



Training Topics	Rad Techs	Radiologist	Basic Skills	In-Depth Skills
Mammography Essentials	✓	✓	✓	

Women's Health

Mammography Essentials

This classroom training aims to provide radiographers with knowledge on basic mammography, tomosynthesis and stereotactic biopsy. The course covers basic mammography views, physics of FFDM unit, stereotactic biopsy and tomosynthesis.

Dates

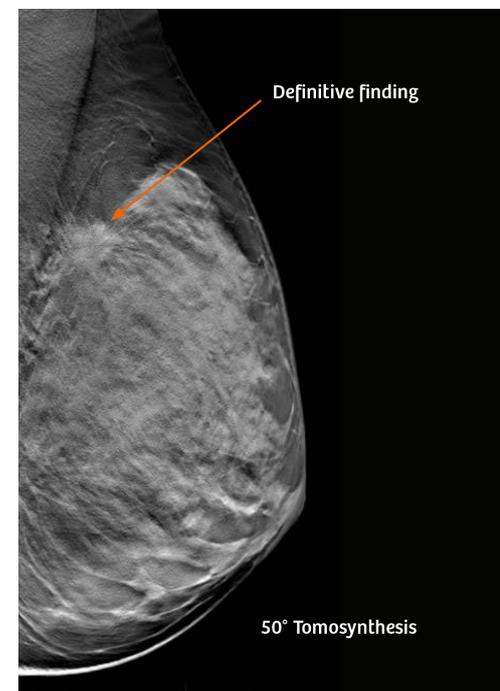
- For current course dates please refer to our flyer
- This course can also be exclusively tailored to your organization's needs and can be delivered locally to suit your schedule.

Course Size

- 30 to 40 Participants

Course Content

- Mammogram History and Technology Today
- Basic views in mammogram
- Physics of Full Field Mammography System
- Stereotactic Biopsy Basis
- Stereotactic Biopsy Advance
- Tomosynthesis



Radiography & Fluoroscopy



Training Topics	Rad Techs	Radiologist	Basic Skills	In-Depth Skills
Ergonomic Positioning X-ray/Fluoro Dose and IQ Management	✓		✓	

Radiography & Fluoroscopy

X-ray/Fluoro Dose and IQ Management

After the session, users are expected to understand dose and image quality (IQ) management when performing a procedure. In this course, proper radiation protection will be discussed in an in-depth manner.

Dates

- For current course dates please refer to our flyer
- This course can also be exclusively tailored to your organization's needs and can be delivered locally to suit your schedule.

Course Size

- 30 to 40 Participants

Course Content

- Radiation Protection (in-depth approach)
- Image quality optimization
- Difference of X-ray dose to Fluoro Dose Rad Techniques







Education Offerings

Tailored-Made Training and Knowledge Assessment

Concept

- Customized Training plans will be proposed according to the hospital's needs. Siemens Healthineers will conduct knowledge assessment to gauge the current learning and skill level of the staff. This will be done through an online assessment survey.
- Siemens Healthineers will propose specific topics and trainings tailor-made for your staff based on the result of the assessment. A 10-day training will be implemented thereafter comprising lecture or interactive workshop and hands-on session.

Target Audience

Radiologic Technologist

Duration

10 days

How it works?

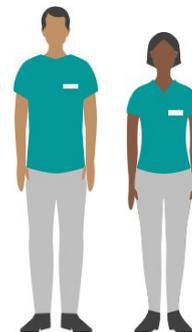
1

Questionnaire will be given to staff to assess their current level of skills and knowledge. After evaluating the results, specific training recommendations may be developed to ensure the optimal level of training and use of the system.



2

Information gathered from the survey will be anonymous and will be kept in strict confidence.



Tailor-Made Trainings*

- ✓ Basic Courses
- ✓ Patient care
- ✓ Contrast Studies
- ✓ Advance Topics - Perfusion, Cardiac, Tomosynthesis
- ✓ Image Quality and Artifact
- ✓ Hands-on Sessions

*Sample Topics - Each modality will have its own tailor-made agenda and curriculum

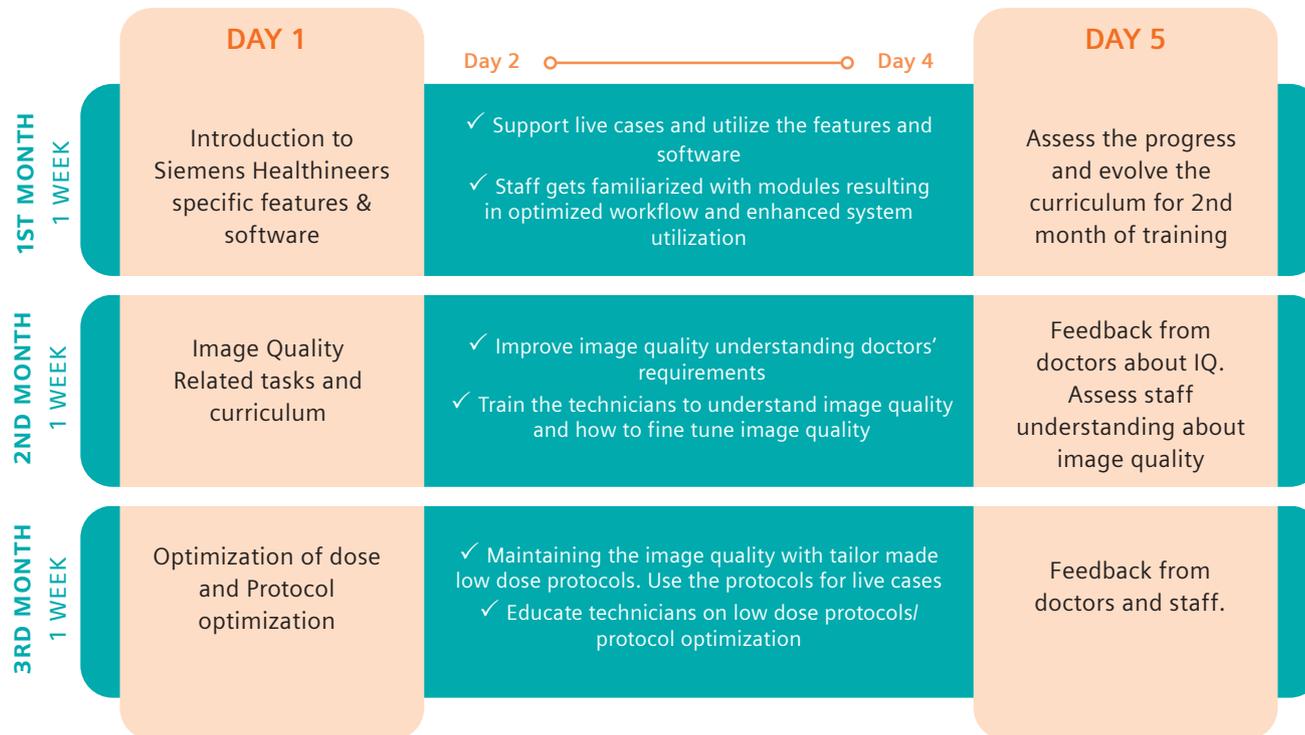
Flex Force Coach

Concept

- An expert applications specialist from Siemens Healthineers designs and implements a curriculum for individual modalities to ramp up the knowledge level of staff, optimize workflow and enhance system utilization.
- The curriculum will be tailor-made based on the existing capabilities and requirements of the staff in the hospital

Flex Force Sample Schedule Diagram

Each modality to have a tailor-made agenda and curriculum



Target Audience

- New users of Siemens Healthineers equipment and/or previous users of competitor equipment
- Sites intending to evolve into a center of excellence and serve as a reference site in the region

Duration

5 days per month for 3 months amounting to a total of 15 days per year onsite

Total of
15 days
training in your
facility



Excellence Course

Concept

- A three-day session per year facilitated by Siemens Healthineers Applications Specialist which will be held in your institution. It is a combination of e-Learning, onsite lecture/workshop and hands-on application.
- The curriculum will focus on the advanced applications as well as techniques of the system to be able to perform complex procedures. This will be implemented based on the current needs of the institution.

Target Audience

- Radiologic Technologist
- Sites intending to evolve into a center of excellence and serve as a reference site in the region

Duration

3 days

How it works?



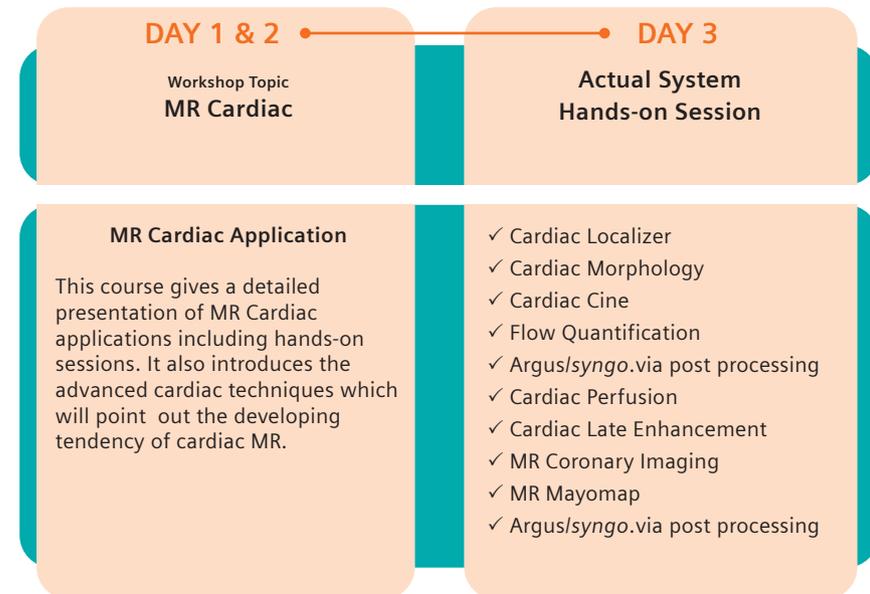
Combination of lecture and hands-on workshop using a cloud-based simulator



Actual system application of the topics learned during the workshop

*Sample Topics

Sample Curriculum for MR





PEPConnections

Your smarter connection to knowledge

PEPconnections is a learning management portal for your hospital department. This gives the manager of your healthcare team managers the ability to design, assign, track and manage group education, create learning pathways specific to the facility's Standard Operating Procedures with records and the reporting of all learning activities.



Scan the QR code to visit the PEPConnect portal



Group Learning Plans

Customize your workforce education and create learning plans specific to your staffs' roles and needs



Virtual Library

Add your own or third party content for group access or assignment in Group Learning Plans



Dashboard & Reporting

Access reports and dashboards on group and individual employee activity progress



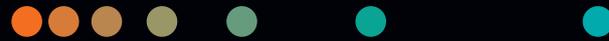
Virtual Wallet

Purchase points to spend on additional subscriptions¹, virtual education options, or Continuing Education

Connect Platforms

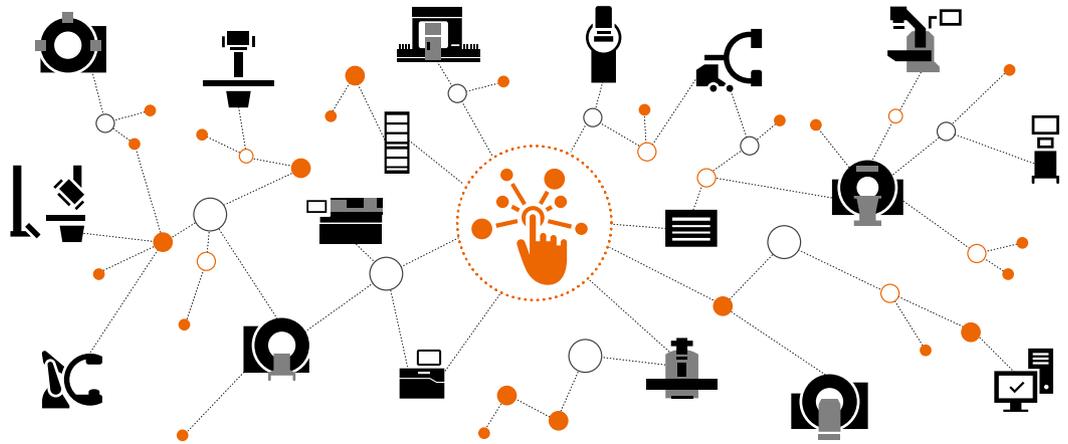
teampay Fleet

Streamline your fleet management.
Optimize your asset performance.



teampay Fleet is a teampay digital health platform solution that enables you to streamline the management of your fleet from Siemens Healthineers and to optimize your asset performance holistically, 24/7, and from any browser capable device.

With its broad range of features, teampay Fleet offers you a clear overview of your equipment data, helping to maintain and optimize your asset performance while keeping your equipment cybersecurity and allowing you to make sound decisions about the future of your fleet. To streamline your fleet management even more, you can connect your equipment and service information from teampay Fleet with select service management software solutions.



Learn more about teampay Fleet



[siemens-healthineers.com/
teampay-fleet](https://siemens-healthineers.com/teampay-fleet)



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