HERZING UNIVERSITY

Continuing Education Catalog
(Not for Credit)

Effective January

2018

Renée Herzing

A MESSAGE FROM THE PRESIDENT

Our primary goal is to provide students with marketable skills leading to employment. Certainly, that means the technical skills and knowledge required in the career field chosen by the student. Our hands-on coursework and combination of academic and real-world instruction provide those skills.

Marketable skills encompass more. Employers also expect technical competence while demanding good communication skills, teamwork, positive attitudes, high performance standards, and a willingness to accept responsibility in the workplace. In order to provide these equally necessary marketable skills, we integrate communication opportunities in all of our courses and encourage team involvement whenever appropriate. We also demonstrate and emphasize these performance standards to our students by requiring completion of a workplace-related project for appraisal.

At Herzing University students not only learn the technical and business skills required in professional occupations, they are also expected to develop essential work habits. Consequently, we stress the importance of attendance as an integral element of a complete education and as an important work habit to develop. Important work habits include responsibility and reliability, and attendance in class is a major factor in both these areas. Further, class attendance benefits the student through increased opportunity for learning, added success of team experiences, and demonstrated respect for the instructor and fellow students.

At Herzing University, we believe in student service. We are focused on providing all that we can to help students graduate, attain their career objectives, and fulfill their goals. We stand ready and able to demonstrate our commitment to your success.

Yours truly,

Renée Herzing
President

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To review all mandated consumer/student disclosures, please visit the Herzing University Website at ***www.herzing.edu/consumer-disclosures***.

CAMPUS CONTACT INFORMATION

Herzing University Locations

Akron Campus of Herzing University
1600 South Arlington Road, Suite 100
Akron, OH 44306
tel: (330) 724-1600
fax: (330) 724-9688
email: ***akr-info@herzing.edu***

Atlanta Campus of Herzing University
3393 Peachtree Road NE, Suite 1003
Atlanta, GA 30326
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Birmingham Campus of Herzing University
280 West Valley Avenue
Birmingham, AL 35209
tel: (205) 916-2800
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email: ***bhm-info@herzing.edu***

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W140 N8917 Lilly Road
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Madison Campus of Herzing University
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tel: (407) 478-0500
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Toledo Campus of Herzing University
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Herzing University Continuing Education Divisions

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For more information, please visit the Herzing University Website at ***www.herzing.edu/*** or call 1-800-596-0724.

January 2018

Herzing Vision, Mission, Goals, and Philosophy

Vision

The vision of Herzing University is to be the lifelong learning partner for its students, employers, and communities in optimizing their economic and human potential.

Mission

It is the mission of Herzing University to provide high-quality undergraduate and graduate degrees and diploma programs to prepare a diverse and geographically distributed student population to meet the needs of employers in technology, business, healthcare, design, and public safety. Career-oriented degree programs include a complementary and integrated general education curriculum established to stimulate students' intellectual growth, to contribute to their personal development, and to enhance their potential for career advancement.

Guiding Principles

The following principles guide the University in fulfilling our mission.

1. **Foster Our Core Values –** Promote an educational and workplace culture that fosters professionalism, respect for others, personal responsibility and integrity, caring, and civic and community engagement among our students and employees.
2. **Optimize Human Potential –** Sustain a positive and effective educational environment which optimizes the personal and professional potential of our students and employees, and which respects individual contributions and perspectives.
3. **Improve the Value Equation for Students –** Continually improve the University's high-quality educational programs to increase their value to students. Innovate to optimize students' educational journeys and align learning outcomes with lifelong learning and workforce needs.
4. **Engage Students –** Provide instructional and student-support services that create an engaging, caring, student-centered environment to facilitate student achievement of the defined learning outcomes, their educational goals, and their personal development.
5. **Create Access for Diverse Group of Students –** Provide access to our programs and services to qualified students of diverse age, interests, abilities, and cultures. Respond to the dynamic needs of our diverse and geographically distributed students through face-to-face and distance education delivery modalities.
6. **Embrace Innovation for Student Success –** Provide a high-performance learning environment that utilizes new technologies, methodologies, and best practices to serve the dynamic lifelong learning needs of our students.
7. **Demonstrate Effectiveness –** Continually assess student learning outcomes as well as educational and institutional effectiveness to drive continuous improvement in the value we provide to our students, employers, and society at large.
8. **Pursue Collaboration and Partnerships –** Pursue cooperation and alliances with educational institutions, organizations and associations on a local, regional, national and international basis to fulfill our mission and public educational purpose.
9. **Ensure Sustainability –** Ensure effective and efficient use of our human, physical, technology, and financial resources. Utilize data and analysis to inform planning, budgeting, and decision-making processes to ensure continued improvement of our educational offerings, fulfillment of our mission, and sustained future development.

Core Values: P.R.I.C.E. of Success

Herzing University's educational and organizational philosophy was founded on core values that constitute the Herzing culture. These values are essential not only for personal development, but are also the foundation for a successful, meaningful career. These core values; professionalism, respect, integrity, caring, and engagement are encompassed in a framework called "P.R.I.C.E. of Success." In order to help each student develop and strengthen these qualities, they have been incorporated into the learning environment. Students are expected to exhibit these behaviors and attributes in all interactions, inside and outside of the classroom. Students who apply themselves and embody the P.R.I.C.E. of Success characteristics will more likely reach their full human potential.

These behaviors and attributes are also the foundation of our internal culture. Employees are expected to exhibit these qualities in their service to students and other daily functions. In doing so, we are building a culture that nurtures personal growth and potential. We lead by example for our students, enabling us to coach and mentor students in their own development of these behaviors and attributes.

Registration and Policies

How to Register

Please contact, via telephone, the campus or continuing education division that is offering the course(s) you are interested in for available dates, fees, and methods of payment. A listing of campuses/continuing education divisions are listed on page 1. If you are interested in a course, it is very important that you register as early as possible.

Cancellation Policy

Herzing University and its continuing education divisions reserve the right to cancel any course or make any other changes it deems necessary in order to provide students with the best educational experience possible prior to the course offering date. Fees will be refunded in full if it becomes necessary to cancel a course; however, under no circumstances will the amount refunded exceed the amount of the registration fee. Herzing University or its continuing education divisions will not reimburse students for the cost of travel or lodging in the event that a class is cancelled. We will make all reasonable attempts to notify students of cancellations or changes using the email, phone, and fax contact information provided by the student at the time of registration. It is recommended that you call the campus or continuing education division offering the course a day prior to your class to confirm that the class will meet as scheduled.

Refund/Transfer Policy

We recognize you may occasionally need to cancel a registration. If your plans change, please contact (via telephone) the campus offering the course at least five business days prior to the course start date, and we will begin the refund process. Unless a separate policy is stated for a specific course, the following applies to all cancellations and refunds: prior to the first day of class, 100% of the fee paid will be refunded; an administrative fee may also be deducted, depending on the location's policy. If class has begun or concluded, refunds will be decided on a case-by-case basis. You may transfer into another course offered by the same campus/continuing education division.

Professional Credit and Continuing Education Units

Many of the courses listed in this catalog qualify for CEUs (continuing education units). CEUs are a way of measuring and officially recognizing the time and effort the student puts into education for their job or profession. One CEU is equal to 10 hours of instruction. CEUs do not constitute academic credit. If the course you have taken qualifies for CEUs, you will be given documentation on either the last day of the course, or you will be sent a confirmation of completion of the course to your address of record following the course. The courses and programs outlined in this catalog are intended for professional training or development and do not transfer into any Herzing University degree programs.

Undergraduate and Graduate Catalogs

For information on Herzing University's for-credit undergraduate or graduate degree programs, as well as details on student policies, see the Herzing University Undergraduate and Graduate Catalogs.

Family Education Rights and Privacy Act (FERPA)

Herzing University complies with the Family Educational Rights and Privacy Act (FERPA) of 1974 which is designed to protect the students' rights with regard to educational records maintained by the institution. Under FERPA, a student has the following rights:

1. The right to inspect and review the student's educational record within 45 days of the day the University receives a request for access. A student should submit to the Registrar or other appropriate academic official, a written request that identifies the record(s) he or she wishes to view. The University official will make arrangements for access to the record and notify the student of the time and place where the records may be viewed. After further review, the student has the right to request an amendment of his or her record if he or she believes there are any inaccuracies. The student will need to make a formal written request to the Registrar's Office and specify the revisions that need to be made.
2. The right to seek amendment to the record if the student believe the information to be inaccurate or misleading. If, upon review, the University decides not to amend the record as requested by the student, the University will notify the student of the decision and advise the student of his or her right to a hearing to appeal the decision regarding the request for amendment.
3. The right to limit disclosure of personally identifiable information, known as Directory Information. All student educational records are kept confidential and cannot be released without the student's consent with the exception of directory information. A student may, however, request that his or her directory information also be kept confidential. To do so the student must submit a written request to the Registrar's Office.

Herzing University's Directory Information

- Student's name
- Address
- Telephone number
- Herzing sponsored email address
- Program of study
- Dates of attendance
- Enrollment Status
- Degrees, Diplomas, Honors, and Awards received
- Photographs
- Previously attended educational institutions
- Participation in officially recognized activities
- Date of birth

FERPA permits disclosure without consent to certain groups, including school officials with legitimate educational interests. A school official is a person employed by the University in an administrative, supervisory, academic, or research, and support staff position. Other persons or organizations that are allowed access to student records without consent from the student include agencies providing students financial aid, certain federal, state and accrediting agencies carrying out their function, persons in compliance with a judicial order, and persons who, in emergency, seek to protect the health or safety of students or other persons.

A school official has a legitimate educational interest if the official needs to review an educational record in order to fulfill his or her professional responsibility.

Upon request, the University may discloses education records without consent to officials of another school in which a student seeks or intends to enroll.

Confidential information can be released directly to the student; however, it cannot be released directly to the student's family members (e.g., parents, spouses, etc.) without the written consent of the student.

Students have the right to file a complaint with the U.S. Department of Education concerning alleged failures by Herzing University to comply with the requirements of FERPA. The name and address of the office that administers FERPA is:

Family Policy Compliance Office
U.S. Department of Education
400 Maryland Avenue, SW
Washington, DC 20202-8520

Phone: 1-800-USA-LEARN (1-800-872-5327)

Breast Ultrasound Registry Review Webinar Series

This webinar series can be used as an aid in preparing for both ARDMS and ARRT registry exams. It will provide an opportunity to learn ultrasound imaging techniques and to upgrade your skills in this increasingly demanding role. Ultrasound has proven to be a very valuable and cost-effective tool for visualizing cystic and solid structures in the breast. Ultrasound provides a complementary imaging technique to mammography and together they provide improved detection of breast cancer. Special knowledge and skill is needed to fully utilize the capabilities of breast ultrasound. This webinar will provide increased knowledge of the technical and clinical aspects of breast ultrasound and an overview of the basic principles and concepts of ultrasound.

Who Should Attend: Radiologic Technologists

- Credits: 8.0 Category A credits
- Course Length: Four two-hour webinar sessions
- Prerequisite: Not specified

Breast Ultrasound Training Course

This course will provide increased knowledge of the technical and clinical aspects of breast ultrasound as well as practical hands-on training of ultrasound imaging of the breast. An overview of the basic principles and techniques utilized in breast ultrasound will be presented. This course will be helpful for mammographers and sonographers who are directly involved in breast imaging and physicians whose practice includes women's health. Participants should have an understanding of the basic concepts of mammography. If you are a mammographer looking for training in breast ultrasound or a sonographer wanting to review basic breast imaging skills, this course is for you. Sonologists and physicians wanting to learn breast ultrasound techniques would also benefit from this course.

Who Should Attend: Radiologic Technologists and Physicians

- Credits: 16 Category A credits for Radiologic Technologists and 16 AMA PRA Category 1 credits ™ for Physicians
- Course Length: Not specified
- Prerequisite: Not specified

Bone Densitometry Registry Review

Osteoporosis is a major health problem that affects 44 million people. Recent medical breakthroughs have created hope and healing to those who are diagnosed early. Facilities are recognizing the importance of early diagnosis due to adequate examinations by DXA equipment and imagers. This seminar will help the student obtain a sound foundation of knowledge in densitometry imaging and give them a better understanding of the appropriate use and interpretation of this technology. It will also prove to be valuable instruction for those preparing for the ARRT or ISCD Bone Densitometry Certification Examinations.

Who Should Attend: Radiologic Technologists

- Credits: 8 Category A credits
- Course Length: Not specified
- Prerequisite: Not specified

Bone Densitometry Registry Review Webinar Series

Osteoporosis is a major health problem that affects 50 million people. Recent medical breakthroughs have created hope and healing to those who are diagnosed early. Facilities are recognizing the importance of early diagnosis due to DXA technologies. This webinar will help the student obtain a sound foundation of knowledge in densitometry imaging and give them a better understanding of the appropriate use and interpretation of this technology. It will also prove to be valuable instruction for those preparing for the ARRT or ISCD Bone Densitometry Certification Examinations.

Who Should Attend: Radiologic Technologists

- Credits: 8.0 Category A credits
- Course Length: Four two-hour webinar sessions
- Prerequisite: Not specified

Bone Densitometry Training Course

This 2-day course is a comprehensive review of the role of bone densitometry in the diagnosis and treatment of osteoporosis. The course will cover the technology, clinical applications, interpretation of results, clinical procedures, handling of problem cases, safety, quality assurance and the establishment and operation of a bone densitometry service.

This course is appropriate for anyone wanting to learn about bone densitometry including technologists, physicians, managers and allied health personnel. It would also be useful for individuals from companies offering products related to bone densitometry. The course will be useful to those setting-up, managing or operating a bone densitometry service as well as those preparing to take a certification exam, such as offered by the ISCD or ARRT.

Who Should Attend: Radiologic Technologists

- Credits: 16 Category A credits
- Course Length: Not specified
- Prerequisite: Not specified

Breast Imaging: Critique, Analysis and Case Reviews

This seminar is a comprehensive review of issues important to executing a quality mammographic exam, provides valuable information on 2-D and 3-D digital mammography, breast image analysis and critique and the pros and cons of current and emerging modalities. Understanding the advanced techniques in breast imaging, recognizing the needs of the non-conforming or challenging patient, QA of digital units, MQSA certification issues and proper communication within the imaging department is imperative to providing optimal patient care. This seminar is appropriate for those interested in recommendations and solutions to improve current mammography skills, and will provide techniques to enhance and improve patient care satisfaction in breast imaging.

Who Should Attend: Radiologic Technologists

- Credits: 8 Category A credits
- Course Length: Not specified
- Prerequisite: Not specified

CIIP Registry Review Webinar Series

The emergence of the imaging informatics profession and the PACS administrator role is an answer to the complexity of the digital imaging environment. PACS management and healthcare informatics requires specific knowledge and skills unique to this technology. This four past series (2 hours each session) will provide the knowledge for students to sit for the Certified Imaging Informatics Professional (CIIP) certification exam. It is recommended that those individuals who have current PACS knowledge would most benefit in attending this registry review. The instructor will follow the CIIP content specifications when presenting this material. It is recommended that you participate in the entire series to obtain the knowledge you will need to successfully pass the CIIP certification exam.

Who Should Attend: Radiologic Technologists

- Credits: 8.0 Category A credits
- Course Length: Four two-hour webinar sessions
- Prerequisite: Not specified

CSI and Forensic Imaging

This seminar presents an overview of forensic imaging and techniques on how to produce quality diagnostic images under challenging times. Participants will leave the seminar with a better understanding of Cause and Manner of Death through the use of radiographs in a post-mortem environment.

Who Should Attend: Radiologic Technologists

- Credits: 8 Category A credits, 6.64 ABMDI continuing education credits
- Course Length: Not specified
- Prerequisite: Not specified

CT Angiography and Cardiac Techniques

Aspects of clinical CT angiographic scanning, including CT cardiac and peripheral-vascular techniques are becoming the exams of choice for determining the state of the vascular system for many intermediate and low risk patients. It is important for technologist's performing these complicated exams to have a firm understanding of the concepts and skills required to produce high quality, diagnostic exams and images for radiologists, interpreting cardiologists and clinicians. This seminar will provide the student with a firm knowledge base regarding the origins of CT angiographic, cardiac and peripheral-vascular techniques.

Who Should Attend: Radiologic Technologists

- Credits: 8 Category A credits
- Course Length: Not specified
- Prerequisite: Not specified

CT Dose: Controlling Radiation Exposure Webinar

In the past several years, significant advances in the technology of Computed Tomography (CT) have driven an expansion in the clinical applications and a dramatic, and alarming, increase in the number of CT scans performed. Opportunities for CT technologists have grown, however most techs lack the training necessary to understand the scope and breadth of radiation risks in our current CT environments and their role in controlling radiation exposure to their patients. The competent CT technologist must have the most current information in order to provide quality patient care.

Who Should Attend: Radiologic Technologists

- Credits: 2 Category A credits,
- Course Length: Not specified

- Prerequisite: Not specified

CT: Image Optimization, Case Studies and Dose

Today's CT Technologists are challenged with the rapidly changing environment in Computed Tomography imaging. It is imperative, that CT technologists continue to enhance their current skills to stay a step ahead in today's medical imaging environment. This interactive seminar is designed to energize CT technologist and provide knowledge on the optimization, dose considerations, pathology and disease process characteristics as well as CT ACR Dose recommendations. Kerry is a knowledgeable and engaging presenter who will challenge you as a technologist to go that extra step is providing quality patient care.

Who Should Attend: Radiologic Technologists

- Credits: 8.0 Category A credits
- Course Length: Not specified
- Prerequisite: Not specified

CT Protocols—A Guide for Optimal Outcomes

CT scans have become one of the most widely used modalities as a result of the quick turnaround it offers providers in detecting and treating disease. However, despite the benefits, as medical professionals we are faced with the possibility of over radiating a patient. It is therefore necessary to build protocols which offer a balance between detecting disease through production of high quality images and maintenance of the lowest possible radiation dose for the patient. In building protocols it is imperative that we have an understanding of the components to producing quality images and ensuring patient safety in terms of radiation dose. This seminar will provide an overview of the main components of CT protocols to ensure that we perform the right exam to provide the right diagnosis with the lowest possible dose.

Who Should Attend: Radiologic Technologists

- Credits: 8.0 Category A credits
- Course Length: Not specified
- Prerequisite: Not specified

CT Registry Review Webinar Series

This webinar series is designed as a review of the topics included on the certification examination conducted by the ARRT. All of the major topic areas listed in the exam specifications will be covered making this program a very good preparation for this examination. The webinar series will be divided in four - 2 hour sessions making this an effective way to review and prepare for the examination. This webinar series can also serve as a comprehensive overview of CT for those wanting to use it to update skills as well.

Who Should Attend: Radiologic Technologists

- Credits: 8.0 Category A credits
- Course Length: Four two-hour webinar sessions
- Prerequisite: Not specified

CT Team Approach—Dose and Protocols

In recent studies, there has been increasing attention to the potential for over-exposure to ionizing radiation through inappropriate utilization of diagnostic imaging. There has also been greater awareness regarding radiation over-exposures to patients from CT imaging procedures, and recent recommendations regarding regular CT protocol parameter review. With this in mind, the increased awareness of radiation dose has increased the importance of CT scanning protocols and the control of radiation dose. As a result many imaging facilities are reviewing their CT scanning procedures to insure that the appropriate tradeoffs are being made between the image quality needed to diagnose the patient and the dose deliv¬ered. This seminar will review the considerations that should be used for selecting appropriate scanning parameters to achieve the best results with minimum risk to the patient. Improving your knowledge of the parameters and capabilities of multi-slice/multi-detector CT scanners will help you become a more effective Imaging specialist and provide improved results for your patients. This seminar is appropriate for physicians, physicists and technologists working in Medical Imaging.

Who Should Attend: Radiologic Technologists, Physicians, and Qualified Medical Physicists

- Credits: 8 Category A credit for Radiologic Technologists, 8.00 AMA PRA Category 1 Credits™ for Physicians, 6.68 hours of Medical Physics Continuing Education Credit for Qualified Medical Physicists
- Course Length: Not specified
- Prerequisite: Not specified

CT Training Course for Technologists

The technology of medical imaging has undergone a tremendous change since the Nobel prize-winning development of computed tomography. Becoming knowledgeable about high technology imaging is essential for the radiologic technologist to grow with the field.

This course will provide technologists with the opportunity to learn this technology and become part of the evolution toward

electronic computerized imaging. This is an opportunity to improve your technical knowledge and prepare for the ARRT CT Registry Examination. If you are looking to enhance your job opportunities or provide yourself with a more satisfying work experience, then this course is for you.

Who Should Attend: Radiologic Technologists

- Credits: 38.0 Category A credits
- Course Length: Not specified
- Prerequisite: Not specified

Decoding ICD-10 for Medical Imaging Webinar

This webinar will instruct you on the mandated ICD-10 conversion and explain how this massive transition will affect people, departments and processes throughout all healthcare related organizations. This changeover is NOT just a "coding" issue but instead will influence the practice of Radiology moving forward. The session will delve into the intricacies of the day-to-day imaging operations that will be affected as well as how the ICD-10 adoption will touch our patients. Attendees will be provided tools and resources to take back to their respective work environments in hopes of promoting further learning on the subject and empower an educated transition.

Who Should Attend: Radiologic Technologists

- Credits: 2.0 Category A credits
- Course Length: Not specified
- Prerequisite: Not specified

Digital Breast Tomosynthesis: Clinical Concepts and Implementation—Hologic Digital Breast Tomosynthesis System

Digital Breast Tomosynthesis (DBT) is an exciting new application of digital mammography recently approved by the FDA. DBT is a three-dimensional technology that provides thin cross sectional images through the breast. This technology is designed to prevent overlying structures from obscuring breast masses and intersecting normal structures from being falsely identified as a cancer. There is a growing demand for implementing Digital Breast Tomosynthesis technology at current Women's Centers as well as understanding how this new technology will impact your current workflow. This seminar will provide you with the tools you will need to understand the fundamentals, benefits and the daily utilization of DBT within your facility. A comprehensive look at the installation and implementation timeline, regulatory guidelines, and additional quality control test and personnel qualifications will also be discussed.

Who Should Attend: Radiologic Technologists

- Credits: 8.0 Category A credits
- Course Length: Not specified
- Prerequisite: Not specified

Digital Breast Tomosynthesis: Imaging and Implementation - Hologic Digital Breast Tomosynthesis System

Digital Breast Tomosynthesis (DBT) is a new application of digital mammography recently approved by the FDA. DBT provides thin cross sectional images through the breast. This prevents overlying structures from obscuring breast masses and prevents intersecting normal structures from being falsely identified as cancer. DBT increases the reliability of detecting abnormal structures while reducing patient call backs. This seminar will review the techniques and implementation of DBT, its practical application in the clinical setting and changes in required quality control procedures. DBT is considered a new modality under MQSA which requires all personnel to receive 8 hours of training before participating in clinical services.

Who Should Attend: Radiologic Technologists

- Credits: 8.0 Category A credits
- Course Length: Not specified
- Prerequisite: Not specified

Digital Mammography Training

Full Field Digital Mammography (FFDM) holds promise to improve a host of new imaging applications for your breast imaging practice. FFDM will improve image quality, increase patient flow, decrease patient dose and reduce retakes. The advantages of this new technology account for the proliferation of commercial FFDM units in the clinical setting.

This seminar provides an opportunity to learn from an experienced faculty about this new technology and its appropriate utilization in a breast imaging practice. Practical considerations for making the transition to digital imaging will be emphasized, and new applications that are facilitated by the digital image format will be reviewed.

Who Should Attend: Radiologic Technologists

- Credits: 8.0 Category A credits
- Course Length: Not specified

- Prerequisite: Not specified

Hands-On Nuclear Medicine Physics Workshop

The increasing regulatory requirements for accreditation of facilities that offer nuclear medicine services including PET are driving an increased demand for medical physics support services. This hands-on workshop will focus on proper performance and QC testing of gamma cameras, SPECT and SPECT/CT units as wells as PET and PET/CT units. The University of Iowa has graciously allowed the use of their equipment and facilities to provide hands-on demonstrations of these testing procedures. The program will also include presentations on nuclear medicine facility accreditation, reviews of the equipment and testing procedures and techniques for lowering patient and technologist radiation doses from PET and PET/CT systems. Attendees are encouraged to participate in the testing and to share their experiences and questions on these units.

Who Should Attend: Radiologic Technologists and Medical Physicists

- Credits: 11 Category A credits for Radiologic Technologists, 12 CAMPEP credits for Medical Physicsts
- Course Length: Not specified
- Prerequisite: Not specified

Initial Mammography Training Course

The MTMI/AQI Initial Training in Mammography course is a comprehensive 4 day course that covers all aspects pertaining to initial mammography training for radiologic technologists interested in crossing over into mammography.

The course is designed to provide attendees with the initial training necessary to fulfill the requirements set forth by the Mammography Quality Standards Act (MQSA), and is an excellent resource for technologists intending to take either the ARRT or the California Mammography registry in the near future.

Who Should Attend: Radiologic Technologists

- Credits: 8.0 Category A credits
- Course Length: Not specified
- Prerequisite: Not specified

Imaging Radiographic Pathology: A Case-Based Approach

Recognition of the pathological processes present in your images is key to ensuring a successful imaging exam. This seminar will review the concept of utilizing the silhouette sign and define and provide examples of diagnostic yield and efficacy. A major focus will be the inter-relationship of the various imaging modalities and how they clinically complement each other. This seminar will also review the concept and methods to improve image quality in order to maximize diagnostic yield and to give the participant a radiologist's perspective as to the challenges in image interpretation. The speaker will be utilizing a case-based approach in the delivery of these concepts.

Who Should Attend: Radiologic Technologists

- Credits: 8.0 Category A credits
- Course Length: Not specified
- Prerequisite: Not specified

Mammography—Image Assessment and Compliance

This seminar is a comprehensive review of issues essential to executing a quality mammography program at breast imaging facilities. Understanding how to evaluate clinical images and introducing assessment techniques will be introduced at this program. There will be discussion on the advances in mammographic positioning and suggested techniques on how to enhance current positioning styles. This seminar will provide you with the detailed components of mammography regulation which will include the medical audit and pathology report. This program is appropriate for those interested in recommendations and solutions that will provide techniques to enhance and improve patient care satisfaction in breast imaging.

Who Should Attend: Radiologic Technologists

- Credits: 8.0 Category A credits
- Course Length: Not specified
- Prerequisite: Not specified

Mammography: Pathology and Case Studies Webinar

Recognition of the pathological processes present in your images is key to ensuring a successful imaging exam. This webinar will review the pathology of the breast commonly presented in various diagnostic imaging examinations and will help you recognize the difference between normal and abnormal pathology. This knowledge will help you understand the disease processes presented by your patients and improve your effectiveness in contributing to the resulting diagnosis.

Who Should Attend: Radiologic Technologists and Physicians

- Credits: 2 Category A+ credits for Radiologic Technologists and 2 AMA PRA Category 1 credit ™ for Physicians
- Course Length: Not specified
- Prerequisite: Not specified

Mammography: Profession, Practice, Passion

New technologies in breast imaging are advancing quickly and you need to stay up-to-date. But what about your patients? This seminar will cover the latest in breast imaging technology and will help you bridge the gap with the equipment you are using today by improving your patient care. A wide range of topics including tips and tricks for improving your images, mammography challenges and techniques, implant technology and patient care techniques, all with the focus on obtaining a high quality diagnostic image, will be covered. This seminar is an insightful look to the future and offers practical solutions to problems you face today.

Who Should Attend: Radiologic Technologists

- Credits: 8.0 Category A credits
- Course Length: Not specified
- Prerequisite: Not specified

Mammography Registry Review Webinar Series

The Mammography Registry Review Webinar Series will follow the ARRT content specifications as outlined in the most current Mammography Certification Handbook. This webinar series would be appropriate for those mammographers wanting to prepare for the ARRT Mammography registry or to enhance current knowledge in mammography and breast imaging.

Who Should Attend: Radiologic Technologists

- Credits: 8.0 Category A credits
- Course Length: Four two-hour webinar sessions
- Prerequisite: Not specified

Modern Advances in MRI

The technical capabilities of magnetic resonance imaging continue to present significant challenges to optimize clinical examinations in MR angiography, MR sports imaging and 3T MR Imaging. This seminar will address the critical information you need to master to be a successful and more qualified MRI technologist. The seminar will feature the signal, contrast and temporal differences when imaging on a 3T scanner. You will come away with useful applied information to help you take maximum advantage of the capabilities of your scanner and provide the best MR images.

Who Should Attend: Radiologic Technologists

- Credits: 8.0 Category A credits
- Course Length: Not specified
- Prerequisite: Not specified

MR Optimization Strategies

The technical capabilities of magnetic resonance imaging continue to present significant challenges to optimize clinical examinations and produce high image quality. This seminar will address the critical information you need to master to be a successful MRI technologist. The seminar will feature practical clinical scenarios the technologist faces and how to deal with them. You will come away with useful applied information to help you take maximum advantage of the capabilities of your scanner and provide the best images to answer the clinical question for each patient.

Who Should Attend: Radiologic Technologists

- Credits: 8.0 Category A credits
- Course Length: Not specified
- Prerequisite: Not specified

MRI Registry Review Webinar Series

This series of four webinars that will provide the tools and knowledge needed to prepare the student for the Advanced MRI Registry Exam. The webinars will review the basic tissue characteristics, MRI instrumentation systems, identification of various artifacts, appropriate imaging procedures, MRI safety, and identification of anatomical structures, appropriate imaging procedures, and aspects of patient care. A Mock Registry Review Exam (review questions and answers) will be implemented at the end of each webinar.

Who Should Attend: Radiologic Technologists

- Credits: 8.0 Category A credits
- Course Length: Four two-hour webinar sessions
- Prerequisite: Not specified

MRI Safety Level 2 Training Webinar

MRI scans themselves are widely considered to be extremely safe; however, data that the FDA and MR manufacturers have been collecting regarding MR accidents reveals that patients and providers are sustaining injuries during the MRI process. In fact, from 2004 to 2009, the number of injuries spiked four-fold as indicated in a 2011 article published on

the Diagnosticimaging.com website. It is imperative that all MR imaging specialists are aware of the MRI safety guidelines and considerations when conducting MR exams. This webinar will review the most up-to-date ACR guidelines related to MR safety concerns.

Who Should Attend: Radiologic Technologists

- Credits: 2.0 Category A credits
- Course Length: Not specified
- Prerequisite: Not specified

MRI Training Course for Technologists

MRI promises to continue providing new avenues of diagnostic imaging that will have a significant impact on medicine. A knowledge of MRI technology will provide a basis for growth and future opportunities for those trained in this modality.

You should attend this course if you are a radiologic technologist or if you have experience in the imaging sciences with basic or no previous MR experience and are interested in learning the principles necessary to operate a MR imager.

Who Should Attend: Radiologic Technologists

- Credits: Up to 62.0 Category A credits
- Course Length: Not specified
- Prerequisite: Not specified

PACS Administrator Course: Training in Imaging Informatics

MTMI's PACS Administrator Course aims at providing all of the essential skills and knowledge necessary for the successful, planning, implementation and maintenance of a PACS, or other radiology system. This program also helps prepare students for the Certified Imaging Informatics Professional (CIIP) certification exam. Major topics include: a comprehensive guide to DICOM and HL7, Teleradiology, PACS architecture, integrating the healthcare enterprise and electronic medical records.

Who Should Attend: Radiologic Technologists

- Credits: 38.5 Category A credits
- Course Length: Not specified
- Prerequisite: Not specified

Radiation Safety Webinar

This webinar is designed to give technologists practical knowledge on radiation and patient safety. Reviewing the source of radiation, nature of ionization radiation and the damage that it can cause will also be discussed. Using proper methods of protecting patient and staff from radiation dangers will be addressed. Various patient/technologist scenarios will highlight this webinar.

Who Should Attend: Radiologic Technologists

- Credits: 2.0 Category A credits
- Course Length: Not specified
- Prerequisite: Not specified

Radiologic Pathology - Silhouette Sign and Diagnostic Yield Webinar

Recognition of the pathological processes present in your images is key to ensuring a successful imaging exam. This webinar will review the concept of utilizing the silhouette sign and define and provide examples of diagnostic yield. A major focus will be the inter-relationship of the various imaging modalities and how they clinically complement each other. This series will also review the concept and methods to improve image quality in order to maximize diagnostic yield and to give the participant a radiologist's perspective as to the challenges in image interpretation.

Who Should Attend: Radiologic Technologists

- Credits: 2.0 Category A credits
- Course Length: Not specified
- Prerequisite: Not specified

Successful Digital Radiography: Techniques, Doses and Radiation Safety

Most digital radiography seminars discuss how the equipment works and the physics behind it. This seminar is designed to give technologists practical knowledge to help them use their CR and DR equipment. With over 250 images the presentation will feel like a "hands-on" workshop.

This seminar will confront the universal problems and concerns with digital radiography. You will learn why you should be using 15-20 kVp higher and one third the mAs required for film/screen. Little training exists to provide an understanding of the use of magnification modes and the Dose Exposure Index (DEI) number. These will be discussed throughout the seminar.

Using film/screen, radiographers once worried about a film being too dark or light, now they need to be concerned about acceptable quantum mottle and over radiating patients. This will lead to a better understanding of how to utilize this new technology to improve the art of radiography and science.

Who Should Attend: Radiologic Technologists

- Credits: 8.0 Category A credits
- Course Length: Not specified
- Prerequisite: Not specified

Successful Stereotactic Breast Biopsies

Stereotactic breast biopsy is used to obtain pathologic information from mammographic areas of suspicion. When a mass, microcalcifications, or area of abnormal tissue change exist, stereotactic breast biopsy offers a minimally invasive alternative to open surgical biopsy often before a mass develops. This seminar offers the attendee the opportunity to learn the basics as well as the tricks of the trade from an experienced technologist and supervisor. MTMI believes this education will bridge gaps in training so that intelligent performance becomes your daily mode of operation in your imaging centers. Critical thinking becomes possible once attendees develop an understanding why and how this procedure is done. In addition to covering quality assurance and patient documentation, the seminar reviews the ACR accreditation requirements and fulfills the credits required for accreditation.

Who Should Attend: Radiologic Technologists

- Credits: 8.0 Category A credits
- Course Length: Not specified
- Prerequisite: Not specified

Understanding Your Images—The Perspective of a Radiologist

This seminar program will benefit anyone who has a desire to understand the basic principles of Radiographic Imaging. This seminar addresses basic, important, fundamental concepts and principles of radiographic imaging and how these concepts and principles can be used in understanding illnesses. The seminar is presented from a radiologist's point of view, in a manner that can be understood by a non-radiologist, and gives the participants insight into the thinking process involved in understanding the findings on x-ray examinations. The lines and shadows on X-ray films can be confusing. This seminar shows the participant how to approach and analyze these structures in a logical sequence that makes sense. It teaches the participant how to lower the misinterpretation rate by learning to reduce the complexity of the process in order to understand x-rays better. Common radiographic findings will be presented and discussed, along with their interpretation and correlation with the patient's clinical findings and disease process. The importance of good radiographic technique will be stressed, as will the importance of thinking through the findings on the exams.

Who Should Attend: Radiologic Technologists, Nurses, and Physicians

- Credits: 8 Category A credits for Radiologic Technologists, 8 Contact hours for Nurses, 8.0 AMA PRA Category 1 Credits ™ for Physicians
- Course Length: Not specified
- Prerequisite: Not specified

Vascular Ultrasound Training Course

This 3-day Vascular Ultrasound course is designed for sonographers, echocardiographers, interventional technologists and physicians seeking intensive training on the essential aspects of vascular ultrasound. This course provides an opportunity to complement the professional's existing skills with non-invasive vascular examination techniques. The course begins with a review of the basic physical principles of gray scale imaging and Doppler ultrasound including discussions on instrumentation and methods that are used to optimize the quality of diagnostic data obtained by the use of gray scale ultrasound as well as color, power and spectral Doppler modes. Specific applications are then addressed beginning with a review of the relevant anatomy and physiology followed by in-depth presentations on examination techniques, protocols and diagnostic criteria. The specific applications that will be addressed include: Extra-cranial cerebrovascular, abdominal and retroperitoneal (including large vessels as well as organs), and peripheral arterial and venous imaging and non-imaging assessments.

This program provides a total of 18.0 credit hours that meet the criteria for SVU-CMEs which are accepted by the American Registry of Diagnostic Medical Sonographers® (ARDMS®), The American Registry of Radiologic Technologists (ARRT) for Category A credit, Cardiovascular Credentialing International (CCI) and the Intersocietal Accreditation Commission (IAC) for laboratory accreditation.

Who Should Attend: Physicians and Nurses

- Credits: 18 AMA PRA Category 1 Credits ™ for Physicians and 18.00 contact hours for Nurses
- Course Length: Not specified
- Prerequisite: Not specified

Certification in Sealant Application for Dental Auxiliary

This course is designed to prepare the licensed dental assistant to properly apply pit and fissure sealants in the dental practice.

- Course/Program Version Code: CE 0045/CECSADA
- Contact Hours: 9.0
- Course Length: 1 day
- Prerequisites: Dental assisting license, CPR certification, proof of liability insurance, and required immunizations

CRDTS Exam Refresher

This course will provide the student with the necessary background information to sit for the Dental Hygiene Central Regional Dental Testing Service, Inc. exam. The student will gain knowledge in calculus detection, patient selection, periodontal charting, intra- and extra-oral assessments, instrument use, and instrument sharpening.

Who Should Attend: Dental hygiene graduates wishing to retake the Central Regional Dental Testing Service, Inc. exam

- Course/Program Version Code: CE 0083/CECRDTS
- Contact Hours: 8.0
- Course Length: 4 weeks
- Prerequisites: None
- Prerequisite: Not specified

Nitrous Oxide/Oxygen Inhalation Sedation Training

This course is for beginning or refining the student's skills in nitrous oxide administration. This practical course will give the student the capacity to reduce patient anxiety and fear in the dental office. The student will administer and manage three (3) patients with nitrous oxide. All equipment and materials are provided, including a valuable text for your reference in the dental office.

- Course/Program Version Code: CE 0044/CENOIST
- Contact Hours: 12.0
- Course Length: 2 days
- Prerequisite: Not specified

Dental Materials-Dental Assisting to Dental Hygiene

This course will provide students with a radiology technique refresher, reviewing both film placement and exposure techniques in the lab setting and in the didactic setting. Students will be provided with a review on film placement criteria, bisecting and paralleling techniques, film evaluation (basic angulation and error notation), and soft-tissue placement techniques for direct and digital radiography. Students will practice placing films on dexters and also on each other, along with positioning the tubehead and cone, to demonstrate knowledge on bisecting and paralleling techniques.

- Course/Program Version Code: CE 0800/CEDM181
- Contact Hours: 12.0
- Course Length: 4 weeks
- Prerequisite: DS 107

Notary Preparation

The purpose of the Notary Preparation Course is to prepare the student to sit for the notary exam. The examination will test the knowledge of the applicant in the laws governing his/her office and the exercise of authorized notarial functions in order to determine his ability to carry out the duties of a notary.

Who Should Attend: Anyone wishing to become a notary public in the state of Louisiana

- Course/Program Version Code: CEU 0027/CENP
- Contact Hours: 60.0
- Course Length: 10 weeks
- Prerequisite: Not specified