



2416 Merchant Avenue  
Odessa, Florida 33556  
(877) 775-4243

**Important information about Structured Education and Continuing Qualification Requirements (CQR)**

The ARRT has instituted several new programs with their own specific requirements. Below is a brief description of each along with the listing of courses available that are coded by the ARRT in each discipline.

**Structured Education:** Structured education is a vital component of certification and registration using the post primary pathway. Its purpose is to help you master the discipline-specific knowledge you'll need to obtain your credential.

When pursuing a credential using the post primary pathway, you must complete 16 hours of structured education. Currently, these education credits must pertain only to the discipline you're pursuing. Beginning Jan. 1, 2018, however, your structured education will have to have both:

- Reflect the Examination Content Specifications for the discipline you're pursuing
- Include at least one credit from each of the document's major content categories

Structured education activities must meet the same criteria as those that comply with your biennial CE requirements. In other words, a RCEEM or RCEEM+ must approve the activity, and/or the activity must be an academic course from an institution accredited by an ARRT-recognized agency. You'll need to complete your structured education requirements within the 24 months before you submit your post primary application.

**Continuing Qualifications Requirements (CQR):** The purpose of continuing qualifications requirements (CQR) is to assist technologists in documenting their continued qualifications in the disciplines of certification and registration held. To accomplish this purpose the continuing qualifications requirements are presented in three parts: the professional profile, the structured self-assessment (SSA) and continuing education (CE). If your SSA reveals any areas for learning opportunities, we'll prescribe specific Continuing Education (CE) activities for you to complete. In most cases, those prescribed CE activities will also count towards your biennium CE requirements.

## Bone Densitometry (BD)

View the specific requirements by clicking here:

[BD Requirements](#)

Course Name	Course Number	Patient Care-		Image Production- Eqpt. Operation & QC	Procedures- DXA Scanning	Total BD Credits	Total Course Credits
		Patient Interaction & Mgmt	Bone Health, Care & Rad Principles				
Bone Health & Osteoporosis	R139		12.00	0.25	0.25	12.50	19.00
Essentials of Anatomy & Physiology	R84		1.00			1.00	35.00
Human Anatomy	R100				2.00	2.00	21.00
Imaging for the Healthcare Practitioner	R228				0.50	0.50	11.75
Radiation Protection in Medical Radiography	R01		2.00			2.00	16.50
Digital Radiography & PACS	R102			2.75		2.75	9.50
Anatomy for the Radiologic Professional	R07				2.00	2.00	24.75

## Cardiac - Interventional Radiology (CI)

View the specific requirements by clicking here:

[CI Requirements](#)

Course Name	Course Number	Patient Care	Image Production	Procedures		Total CI Credits	Total Course Credits
		Patient Interaction & Mgmt	Image Acquisition & Eqpt.	Diagnostic & Conduction Sys Studies	Hemodynamics, Calculations, Percutaneous Intervention		
Cardiology, Diagnosis & Treatment - Part 1	R188-1	1.00	14.25	15.75	7.50	38.50	38.75
Cardiology, Diagnosis & Treatment - Part 2	R188-2	1.00	3.25	20.00	10.25	34.50	34.50
Atlas of Cardiovascular Emergencies	R214	1.00	0.50	3.00	3.50	8.00	8.00
IV Therapeutics	R51	5.00			5.00	10.00	42.50
Rad Tech's Guide to Radiation Protection	R70		1.00			1.00	5.00
Cardiovascular MR & CT	R197	2.00	2.00	6.50		10.50	10.50
Adult Congenital Heart Disease	R218	3.50		3.00	1.50	8.00	12.00
Essentials of Anatomy & Physiology	R84	1.00		1.50	1.00	3.50	35.00
Human Anatomy	R100				2.50	2.50	21.00
Cardiovascular Physiology	R225	3.00		5.50	5.75	14.25	15.25
Introduction to Diagnostic Radiology	R202	0.25	0.25	5.00	5.50	11.00	62.00
Radiation Protection in Medical Radiography	R01		4.00			4.00	16.50
Digital Radiography & PACS	R102		4.25			4.25	9.50
Cardiology Emergencies	R232	5.75		5.50	4.00	15.25	17.75
Anatomy for the Radiologic Professional	R07			2.50		2.50	24.75
Pandemics	R233	10.00				10.00	10.00
Pulmonary Pathophysiology	R231			8.00		8.00	18.75
Vascular Medicine	R239	3.00		2.75	2.75	8.50	41.25
Structures of the Head and Neck	R241			1.50		1.50	18.75
Practical Bedside Echocardiography Cases	R245	0.25		2.75	2.75	5.75	11.75
Atlas of Echocardiography	R237	4.25		3.25	3.75	11.25	23.25
Atlas of Women's Cardiovascular Health	R246	2.50		3.75	2.75	9.00	10.75
The Respiratory System	R183	2.50		1.25		3.75	47.50
In Vivo Clinical Imaging & Diagnosis	R247		0.25		0.25	0.50	11.25
Harrison's Cardiovascular Medicine Part 1	R244-21	10.75		12.00	8.75	31.50	34.75
Harrison's Cardiovascular Medicine Part 2	R244-22	13.25		8.25	10.00	31.50	32.50
Heart Disease	R249	3.50		1.50	2.25	7.25	8.25
Complete Guide to Cardiac CT	R204	2.00	8.00	8.00		18.00	37.50
Cardiology Board Review Part 1	R250-1	17.00		3.50	5.75	26.25	53.00
Cardiology Board Review Part 2	R250-2	10.50		2.50	7.75	20.75	33.75

## Cardiac - Interventional Radiology (CI)

View the specific requirements by clicking here:

[CI Requirements](#)

Course Name	Course Number	Patient Care	Image Production	Procedures		Total CI Credits	Total Course Credits
		Patient Interaction & Mgmt	Image Acquisition & Eqpt.	Diagnostic & Conduction Sys Studies	Hemodynamics, Calculations, Percutaneous Intervention		
Pathophysiology: A Practical Approach	R253			3.50		3.50	35.00
Pediatric Cardiology	R256	3.50		5.25	5.75	14.50	28.50
The Trauma Manual	R117	1.00		1.00	1.00	3.00	54.75
Clinical Neurology	R257	2.50		0.50		3.00	37.00

## Computed Tomography (CT)

View the specific requirements by clicking here:

[CT Requirements](#)

Course Name	Course Number	Patient Care Patient Interaction & Mgmt	Safety Radiation Safety & Dose	Image Production		Procedures			Total CT Credits	Total Course Credits
				Image Formation	Image Evaluation & Archiving	Head Spine & Musculoskeletal	Neck & Chest	Abdomen & Pelvis		
Acute Care Surgery	R217					1.50	2.00	7.75	11.25	21.25
Body Ct: The Essentials	R203	2.00	3.00	10.00	2.75		4.00	4.00	25.75	25.75
Cardiology, Diagnosis & Treatment - Part 1	R188-1	1.00							1.00	38.75
Head and Neck Imaging Cases - Part 1	R194-1					21.00	4.25		25.25	25.25
Head and Neck Imaging Cases - Part 2	R194-2					9.50	13.50		23.00	23.75
IV Therapeutics	R51	5.00							5.00	42.50
Radiation Protection in Medical Radiography	R01		4.00						4.00	16.50
Basic Musculoskeletal Imaging	R136	0.25		0.50	0.50	12.25			13.50	28.00
Cardiovascular MR & CT	R197	2.00		1.00	1.00		4.00		8.00	10.50
Essentials of Anatomy & Physiology	R84	1.00				2.00	1.00	1.00	5.00	35.00
Human Anatomy	R100					10.50	1.50	3.00	15.00	21.00
Stroke	R221	0.50				0.75	0.25		1.50	5.50
Neuroimaging in Ophthalmology	R227		0.25	0.25	0.25	0.25			1.00	5.75
Pediatric Radiology	R205					1.50	1.00	1.00	3.50	21.75
Introduction to Diagnostic Radiology	R202		0.25	0.25	0.25	14.00	12.00	12.00	38.75	62.00
Imaging for the Healthcare Practitioner	R228					3.25	0.25	0.25	3.75	11.75
Brain Imaging Case Review	R229					8.25			8.25	16.25
Digital Radiography & PACS	R102				6.25				6.25	9.50
Anatomy for the Radiologic Professional	R07					14.00	3.50	5.00	22.50	24.75
Pulmonary Pathophysiology	R231						18.75		18.75	18.75
Gastrointestinal Imaging Case Review	R238	1.00					1.00	14.75	16.75	16.75
Vascular Medicine	R239	2.00				14.50	4.50	4.50	25.50	41.25
Ionizing Radiation Health Risks	R234	1.00	5.50						6.50	42.25
Spine Imaging Case Review	R242					9.00			9.00	13.75
Pediatric & Adult Body CT Doses	R235		1.25						1.25	1.25
Structures of the Head and Neck	R241					7.00	5.00		12.00	18.75
Genitourinary Imaging Case Review	R243	2.75						9.00	11.75	16.75
Clinical Neuroimaging Cases & Key Points	R189	0.25			0.25	4.50			5.00	5.75
Atlas of Echocardiography	R237						6.00		6.00	23.25
Atlas of Women's Cardiovascular Health	R246	1.00					3.75		4.75	10.75
The Respiratory System	R183	0.50				0.50	6.50		7.50	47.50
Harrison's Cardiovascular Medicine Part 1	R244-1						14.00		14.00	34.75
Harrison's Cardiovascular Medicine Part 2	R244-2						18.00		18.00	32.50
Heart Disease	R249						3.00		3.00	8.25

## Computed Tomography (CT)

View the specific requirements by clicking here:

[CT Requirements](#)

Course Name	Course Number	Patient Care Patient Interaction & Mgmt	Safety Radiation Safety & Dose	Image Production		Procedures			Total CT Credits	Total Course Credits
				Image Formation	Image Evaluation & Archiving	Head Spine & Musculoskeletal	Neck & Chest	Abdomen & Pelvis		
The WHO Manual of Diagnostic Imaging	R251			0.25			2.00		2.25	5.75
Diagnostic Abdominal Imaging Part 1	R185-1							15.00	15.00	40.00
Diagnostic Abdominal Imaging Part 2	R185-2					15.00			15.00	40.00
Whiplash for the Imaging Professional	R63					5.25			5.25	32.00
The Complete Guide to Cardiac CT	R204	4.00	4.00	7.00	6.50		15.00		36.50	37.50
Trauma & Mobile Radiography	R02		2.50			1.50	0.25	0.25	4.50	10.00
Cardiology Board Review Part 1	R250-1						0.50		0.50	53.00
Pathophysiology A Practical Approach	R253					3.50	3.50	4.50	11.50	35.00
Pediatric Cardiology	R256						2.00		2.00	28.50
The Trauma Manual	R117		0.25			4.00	2.00	4.00	10.25	54.75
Clinical Neurology	R257	2.00				12.75			14.75	37.00
Digital Radiography in Practice	R248		0.25	1.00	2.00				3.25	10.25
Harrison's Rheumatology	R259					0.50			0.50	25.00

## Magnetic Resonance Imaging (MRI)

View the specific requirements by clicking here: [MRI Requirements](#)

Course Name	Course Number	Patient Care							Safety MRI Screening & Safety	Image Production			Procedures			Total MRI Credits	Total Course Credits
		Ethical & Legal Aspects	Infection Control	Physical Assistance & Monitoring	Interpersonal Comm.	Medical Emergencies	Handling & Disposal of Toxic/Hazardous Mat'l	Pharmacology		Physical Principles of Image Formation	Sequence Parameters & Options	Data Acquisition & Processing	Neuro	Body	Musculoskeletal		
Acute Care Surgery	R217												1.00	2.50	0.50	4.00	21.25
Basic Musculoskeletal Imaging	R136	0.25											4.50	3.00	15.75	23.50	28.00
Head and Neck Imaging Cases - Part 1	R194-1												25.25			25.25	25.25
Head and Neck Imaging Cases - Part 2	R194-2												23.00			23.00	23.75
IV Therapeutics	R51	5.00														5.00	42.50
MRI in Practice	R71				0.50				2.25	12.25	4.50	7.00	1.50	1.50	1.50	31.00	31.00
Cardiovascular MR & CT	R197	2.00								1.00				4.00		7.00	10.50
Essentials of Anatomy & Physiology	R84	3.75											6.75	6.75	4.00	21.25	35.00
Human Anatomy	R100												4.50	3.50	7.00	15.00	21.00
Stroke	R221	0.50											1.00			1.50	5.50
Neuroimaging in Ophthalmology	R227								0.50	1.00	1.00	0.75	1.00			4.25	5.75
Pediatric Radiology	R205												1.50	2.00	1.00	4.50	21.75
Introduction to Diagnostic Radiology	R202	0.25							0.25	0.25	0.25		6.50	24.00	7.50	39.00	62.00
Breast Imaging Case Review	R195									0.50	0.50	0.50		4.00		5.50	15.25
The Requisites: Breast Imaging	R212				2.00					1.00	1.00	1.00				5.00	27.25
Imaging for the Healthcare Practitioner	R228												0.25	0.50	2.00	2.75	11.75
Brain Imaging Case Review	R229												16.25			16.25	16.25
Pandemics	R233			10.00												10.00	10.00
Diseases & Disorders	R85			2.00									10.50	10.50	9.00	32.00	59.50
Pulmonary Pathophysiology	R231													4.00		4.00	18.75
Gastrointestinal Imaging Case Review	R238			1.00										4.75		5.75	16.75
Vascular Medicine	R239			2.00									1.00	10.00	12.50	25.50	41.25
Anatomy for the Radiologic Professional	R07												8.25	8.25	6.00	22.50	24.75
Spine Imaging Case Review	R242			2.75									9.00			11.75	13.75
Structures of the Head and Neck	R241												9.50			9.50	18.75
Genitourinary Imaging Case Review	R243			2.75										9.00		11.75	16.75
Clinical Neuroimaging Cases & Key Points	R189			0.25						0.25			4.50			5.00	5.75
In Vivo Clinical Imaging & Diagnosis	R247													0.25		0.25	11.25
Diagnostic Abdominal Imaging Part 1	R185-1													9.75		9.75	40.00
Diagnostic Abdominal Imaging Part 2	R185-2													11.75		11.75	40.00
Whiplash for the Imaging Professional	R63												5.25			5.25	32.00
Pathophysiology A Practical Approach	R253												2.00	8.00	1.50	11.50	35.00
Empathy in Healthcare	R254	2.75														2.75	8.25
Manual of Healthcare Leadership	R255	11.00														11.00	14.50
The Trauma Manual	R117	1.50											1.00	2.00	1.00	5.50	54.75
Clinical Neurology	R257	3.75										0.25	14.75			18.75	37.00
Digital Radiography in Practice	R248									0.50		1.00				1.50	10.25
Understanding Teamwork in Healthcare	R258	7.00														7.00	28.25
Harrison's Rheumatology	R259												0.25		0.25	0.50	25.00

# Sonography (SON)

View the specific requirements by clicking here:

[SON Requirements](#)

Course Name	Course Number	Patient Interaction & Mgmt	Image Production			Procedures					Total SON Credits	Total Course Credits	
			Basic Principles of Ultrasound	Image Formation	Evaluation & Selection of Representative Images	Abdomen	First Trimester Obstetrics	2nd&3rd Trimester &High Risk Obstetrics	Gynecologic Structures	Superficial Structures & other Procedures			
Acute Care Surgery	R217					6.50					1.00	7.50	21.25
IV Therapeutics	R51	5.00										5.00	42.50
Human Anatomy	R100					2.50	0.50		1.00		3.00	7.00	21.00
Technology for Diagnostic Sonography	R133	0.25	5.00	5.00	5.00	0.25					0.50	16.00	18.00
Venous & Lymphatic Diseases - Part 1	R215-1										2.00	2.00	20.50
Venous & Lymphatic Diseases - Part 2	R215-2					3.50						3.50	24.50
Essentials of Anatomy & Physiology	R84	3.75				5.00	0.25	0.25	0.25		5.00	14.50	35.00
Ultrasound of the Foot and Ankle	R222	0.50	0.50	0.50	0.25						5.50	7.25	7.25
Pediatric Radiology	R205					2.00					1.00	3.00	21.75
Introduction to Diagnostic Radiology	R202	0.25	0.50	0.50		1.00	1.25	1.75	3.00			8.25	62.00
Imaging for the Healthcare Practitioner	R228										1.00	1.00	11.75
Ultrasound Fundamentals	R224	1.00	6.50	1.00	1.50							10.00	10.00
Digital Radiography & PACS	R102				4.25							4.25	9.50
Anatomy for the Radiologic Professional	R07					4.00	0.50	0.50	0.50		1.00	6.50	24.75
Pandemics	R233	10.00										10.00	10.00
Diseases & Disorders	R85	2.00				5.00	5.00	5.00	5.00		1.00	23.00	59.50
Gastrointestinal Imaging Case Review	R238	1.00				4.75						5.75	16.75
Vascular Medicine	R239	2.00				4.50					11.00	17.50	41.25
Structures of the Head and Neck	R241										2.50	2.50	18.75
Genitourinary Imaging Case Review	R243	2.75				7.00	0.50	0.50			1.00	11.75	16.75
Critical Care Ultrasonography	R240	1.00	1.50	1.25	0.25	4.00	0.25	0.25	0.25		8.00	16.75	30.25
Practical Bedside Echocardiography Cases	R245				0.25			0.75				1.00	11.75
Atlas of Echocardiography	R237		1.00		1.00			2.00			0.50	4.50	23.25
In Vivo Clinical Imaging & Diagnosis	R247										0.25	0.25	11.25
Diagnostic Abdominal Imaging Part 1	R185-1					7.00			0.25			7.25	40.00
Diagnostic Abdominal Imaging Part 2	R185-2					2.00			2.50		5.00	9.50	40.00
Surgical and Intervental Ultrasound	R209					8.00						8.00	22.75
Cardiology Board Review Part 1	R250-1		0.25	0.25	0.50							1.00	53.00
Pathophysiology A Practical Approach	R253					1.50					4.75	6.25	35.00
Pediatric Cardiology	R256							2.00				2.00	28.50
Empathy in Healthcare	R254	2.75										2.75	8.25
Manual of Healthcare Leadership	R255	11.00										11.00	14.50
The Trauma Manual	R117	1.50				3.00	0.25	0.25	0.25		2.00	7.25	54.75
Clinical Neurology	R257	2.00									0.50	2.50	37.00
Understanding Teamwork in Healthcare	R258	7.00										7.00	28.25



## Vascular Interventional Radiology (VI)

View the specific requirements by clicking here:

[VI Requirements](#)

### Vascular Interventional Radiology (VI)

Course Name	Course Number	Patient Care Patient Interaction & Mgmt	Image Production Image Acquisition & Eqpt.	Procedures			Total VI Credits	Total Course Credits
				Vascular Diagnostic	Vascular Interventional	Nonvascular		
Cardiology, Diagnosis & Treatment - Part 1	R188-1	1.00	14.25	8.00	7.75		31.00	38.75
Cardiology, Diagnosis & Treatment - Part 2	R188-2	1.00	3.25	10.00	10.00		24.25	34.50
Interventional Radiology	R198	1.50	0.75	3.50	7.75	1.50	15.00	15.00
IV Therapeutics	R51	23.25		10.75	1.50		35.50	42.50
Venous & Lymphatic Diseases - Part 1	R215-1	1.50		4.00			5.50	20.50
Venous & Lymphatic Diseases - Part 2	R215-2	0.50		12.00	4.00		16.50	24.50
Rad Tech's Guide to Radiation Protection	R70		1.00				1.00	5.00
Peripheral Arterial Disease - Part 1	R193-1	6.00		12.00	1.25		19.25	52.25
Peripheral Arterial Disease - Part 2	R193-2	0.75		33.00	10.00		43.75	54.75
Essentials of Anatomy & Physiology	R84	1.00		2.00	1.00	1.00	5.00	35.00
Human Anatomy	R100			4.00	3.00	4.50	11.50	21.00
Cardiovascular Physiology	R225	3.00		2.00			5.00	15.25
Introduction to Diagnostic Radiology	R202	0.25	0.25	2.50	2.75		5.75	62.00
Imaging for the Healthcare Practitioner	R228			0.50			0.50	11.75
Radiation Protection in Medical Radiograph	R01		4.00				4.00	16.50
Digital Radiography & PACS	R102		4.25				4.25	9.50
Cardiology Emergencies	R232	5.75		3.00	2.00		10.75	17.75
Anatomy for the Radiologic Professional	R07			3.25	1.75	2.50	7.50	24.75
Pandemics	R233	10.00					10.00	10.00
Pulmonary Pathophysiology	R231			8.00			8.00	18.75
Gastrointestinal Imaging Case Review	R238	1.00		2.75	2.00		5.75	16.75
Vascular Medicine	R239	3.00	1.50	15.50	18.00	1.25	39.25	41.25
Structures of the Head and Neck	R241			3.00		4.25	7.25	18.75
Genitourinary Imaging Case Review	R243					6.00	6.00	16.75
Clinical Neuroimaging Cases & Key Points	R189			0.25	0.50	0.25	1.00	5.75
Atlas of Echocardiography	R237	2.00					2.00	23.25
Atlas of Women's Cardiovascular Health	R246	2.50		1.00			3.50	10.75
Harrison's Cardiovascular Medicine Part 1	R244-21	10.75					10.75	34.75
Harrison's Cardiovascular Medicine Part 2	R244-22	13.25		1.25			14.50	32.50
Heart Disease	R249	3.50					3.50	32.50
Diagnostic Abdominal Imaging Part 2	R185-2			7.00		2.00	9.00	40.00

View the specific requirements by clicking here:

[VI Requirements](#)**Vascular Interventional Radiology (VI)**

Course Name	Course Number	Patient Care Patient Interaction & Mgmt	Image Production Image Acquisition & Eqpt.	Procedures			Total VI Credits	Total Course Credits
				Vascular Diagnostic	Vascular Interventional	Nonvascular		
Cardiology Board Review Part 1	R250-1	14.00		1.25			15.25	53.00
Cardiology Board Review Part 2	R250-2	9.25		0.50	2.50		12.25	33.75
Pathophysiology A Practical Approach	R253			3.50			3.50	35.00
Pediatric Cardiology	R256	3.00			2.00		5.00	28.50
The Trauma Manual	R117	1.00		1.00	1.00	1.00	4.00	54.75
Clinical Neurology	R248	2.50		3.25			5.75	37.00

## Vascular Sonography (VS)

View the specific requirements by clicking here:

[VS Requirements](#)

Course Name	Course Number	Patient Care	Image Production			Procedures				Total VS Credits	Total Course Credits
		Patient Interaction & Mgmt	Basic Principles	Image Formation	Evaluation & Selection of Representative Images	Abdominal/ Pelvic Vasculature	Arterial Peripheral Vasculature	Venous Peripheral Vasculature	Extracranial Cerebral Vasculature & Other		
Venous & Lymphatic Diseases - Part 1	R215-1	1.00				2.00		2.00		5.00	20.50
Venous & Lymphatic Diseases - Part 2	R215-2					3.50		1.00	0.50	5.00	24.50
Technology for Diagnostic Sonography	R133		5.00							5.00	18.00
Peripheral Arterial Disease - Part 1	R193-1	3.00					6.00		2.50	11.50	52.25
Peripheral Arterial Disease - Part 2	R193-2	1.00				6.00	9.00		11.00	27.00	54.75
Essentials of Anatomy & Physiology	R84	1.00				0.50	0.25	0.25	0.50	2.50	35.00
Human Anatomy	R100					3.00	2.00	2.00	2.00	9.00	21.00
Ultrasound Fundamentals	R224	1.00	6.50	1.00	1.50					10.00	10.00
Digital Radiography & PACS	R102			1.50						1.50	9.50
Anatomy for the Radiologic Professional	R07					3.50	1.50	1.50	1.00	7.50	24.75
Pandemics	R233	10.00								10.00	10.00
Vascular Medicine	R239					12.00	7.25	7.50	5.25	32.00	41.25
Structures of the Head and Neck	R241								2.00	2.00	18.75
Genitourinary Imaging Case Review	R243					1.00			1.00	2.00	16.75
Critical Care Ultrasonography	R240	1.00	1.50	1.25	0.25	4.00	0.50	1.00	2.50	12.00	30.25
Diagnostic Abdominal Imaging Part 1	R185-1					7.00				7.00	40.00
Diagnostic Abdominal Imaging Part 2	R185-2					2.00				2.00	40.00
Surgical and Interventional Ultrasound	R209		0.50	0.50	0.50	2.00			2.75	6.25	22.75
Cardiology Board Review Part 1	R250-1		0.25	0.25	0.50					1.00	53.00
Pathophysiology A Practical Approach	R253					0.75	0.75	0.75	1.25	3.50	35.00
Empathy in Healthcare	R254	2.75								2.75	8.25
Manual of Healthcare Leadership	R255	11.00								11.00	14.50
Clinical Neurology	R248	2.00							0.50	2.50	37.00
Understanding Teamwork in Healthcare	R258	7.00								7.00	28.25

## Breast Sonography (BS)

View the specific requirements by clicking here: [BS Requirements](#)

Course Name	Course Number	Patient Care	Image Production			Procedures			Total BS Credits	Total Course Credits
		Patient Interaction & Mgmt	Basic Principles	Eval & Selection of Rep. Imgs	Image Formation	Anatomy & Physiology	Pathology	Surgical/ Treatment Changes & Interventional		
Technology for Diagnostic Sonography	R133		3.00		4.00				7.00	18.00
Essentials of Anatomy & Physiology	R84	1.00				0.25	0.25		1.50	35.00
Human Anatomy	R100					2.00			2.00	21.00
Breast Imaging Case Review	R195	1.00	0.50		1.00	2.00	3.00	2.75	10.25	15.25
Ultrasound Fundamentals	R224		4.00		2.00				6.00	10.00
Digital Radiography & PACS	R102				1.50				1.50	9.50
Anatomy for the Radiologic Professional	R07					2.00			2.00	24.75
In Vivo Clinical Imaging & Diagnosis	R247	0.25							0.25	11.25
The Requisites: Breast Imaging	R212	5.00	1.00	1.00	1.00	4.00	4.00	4.00	20.00	27.25
Pathophysiology A Practical Approach	R253					0.75	0.75		1.50	35.00

## Mammography (MAM)

View the specific requirements by clicking here:

[MAM Requirements](#)

Course Name	Course Number	Patient Care	Image Production	Procedures		Total MAM Credits	Total Course Credits
		Patient Interaction & Mgmt	Eqpt Operation & QA	Anatomy Physiology & Pathology	Positioning & Procedures		
Managing Breast Cancer Risk	R27	7.00		0.50	9.00	16.50	21.00
Breast Cancer	R114	21.00	0.50	4.50	15.50	41.50	53.00
Improving Breast Imaging Quality Standards	R135	1.00	2.00	1.00	1.00	5.00	16.00
Mammographer's Guide to Breast Health	R37	1.75	0.25	1.00	1.00	4.00	12.00
The Requisites: Breast Imaging	R212	5.00	3.00	9.25	10.00	27.25	27.25
Essentials of Anatomy & physiology	R84	1.00		1.00		2.00	35.00
Human Anatomy	R100			2.00	2.00	4.00	21.00
Introduction to Diagnostic Radiology	R202	0.25	0.25	1.50	1.50	3.50	62.00
Breast Imaging Case Review	R195	1.00	1.50	4.25	8.50	15.25	15.25
Digital Radiography & PACS	R102		6.25			6.25	9.50
Anatomy for the Radiologic Professional	R07			3.00		3.00	24.75
In Vivo Clinical Imaging & Diagnosis	R247	0.25				0.25	11.25
Pathophysiology A Practical Approach	R253			1.50		1.50	35.00
Empathy in Healthcare	R254	2.75				2.75	8.25
Digital Radiography in Practice	R248		1.00			1.00	10.25
Understanding Teamwork in Healthcare	R258	5.75				5.75	28.25

## Nuclear Medicine Technologist (NMT)

View the specific requirements by clicking here:

[NMT Requirements](#)

Course Name	Course Number	Patient Care					Safety Radiation Physics, Radiobiology, & Regulations	Image Production Instrumentation	Procedures					Total NMT Credits	Total Course Credits
		Legal & Ethical Aspects	Interpersonal Communication	Physical Asst. & Monitoring	Medical Emergencies	Infection Control			Radionuclides & Radiopharmaceuticals	Cardiac	Endocrine & Oncology	Gastrointestinal & Genitourinary	Other		
IV Therapeutics	R51	5.00												5.00	42.50
Cardiovascular MR & CT	R197									1.00				1.00	10.50
Essentials of Anatomy & Physiology	R84	3.75					0.50			2.50	2.00	3.00	2.00	13.75	35.00
Human Anatomy	R100						0.25			2.50	2.00	2.00	1.00	7.75	21.00
Introduction to Radiation Protection	R186						3.00							3.00	14.50
Introduction to Diagnostic Radiology	R202	0.25					0.50	2.50	0.50	3.00		12.00		18.75	62.00
Radiation Protection in Medical Radiography	R01						4.00		2.00					6.00	16.50
Digital Radiography & PACS	R102							4.25						4.25	9.50
Anatomy for the Radiologic Professional	R07						0.25	3.00		2.00	2.50	2.00	1.00	10.75	24.75
Pandemics	R233			10.00										10.00	10.00
Diseases & Disorders	R85			2.00						5.00	5.00	5.00	5.00	22.00	59.50
Pulmonary Pathophysiology	R231												4.00	4.00	18.75
Vascular Medicine	R239			2.00								4.50	4.50	11.00	41.25
Ionizing Radiation Health Risks	R234		1.00				5.50							6.50	42.25
Spine Imaging Case Review	R242		2.75										2.00	7.75	13.75
Structures of the Head and Neck	R241									0.25	0.25		3.00	3.50	18.75
Genitourinary Imaging Case Review	R243		2.75								4.50	4.50		11.75	16.75
Clinical Neuroimaging Cases & Key Points	R189										1.25		1.00	2.25	5.75
Atlas of Echocardiography	R237									2.00	1.00			3.00	23.25
Atlas of Women's Cardiovascular Health	R246									3.00				3.00	10.75
In Vivo Clinical Imaging & Diagnosis	R247										0.25			0.25	11.25
Harrisons Cardiovascular Medicine Part 1	R244-21									10.50				10.50	34.75
Harrisons Cardiovascular Medicine Part 2	R244-22									12.00				12.00	32.50
Heart Disease	R249									1.75				1.75	8.25
Diagnostic Abdominal Imaging Part 1	R185-1										1.50			1.50	40.00
Diagnostic Abdominal Imaging Part 2	R185-2										1.50			1.50	40.00
Cardiology Board Review Part 1	R250-1									0.50				0.50	53.00
Pathophysiology A Practical Approach	R253						1.25			1.75		2.00	3.25	8.25	35.00
Empathy in Healthcare	R254	2.75												2.75	8.25
Manual of Healthcare Leadership	R255	11.00												11.00	14.50
The Trauma Manual	R117	1.50					0.25					0.50	0.25	2.50	54.75
Clinical Neurology	R257	2.00											1.00	3.00	37.00
Digital Radiography in Practice	R248						0.25	0.50						0.75	10.25
Understanding Teamwork in Healthcare	R258	7.00												7.00	28.25
Harrison's Rheumatology	R259											0.50	0.50	0.50	25.00

# Radiologist Assistant

View the specific requirements by clicking here:

[RA Requirements](#)

## Radiologist Assistant

Course Name	Course Number	Patient Care		Safety Pt. safety, Rad Protection, Eqpt. Operation	Procedures				Total RA Credits	Total Course Credits
		Patient Mgmt	Pharmacology		Abdominal	Thoracic	Musculoskeletal & Endocrine	Neuro, Vascular, Lymphatic		
Acute Care Surgery	R217				6.00	2.50	1.00	2.00	11.50	21.25
Cardiology, Diagnosis & Treatment - Part 1	R188-1	0.50	0.50			7.75			8.75	38.75
Cardiology, Diagnosis & Treatment - Part 2	R188-2	0.50	0.50			10.25			11.25	34.50
Cardiovascular Emergencies	R214	0.50	0.50			3.00		1.00	5.00	8.00
Interventional Radiology	R198	1.00	0.50		1.00	0.50	3.00	8.25	14.25	15.00
IV Therapeutics	R51	13.25	17.75		1.00	5.50	6.00	6.00	49.50	42.50
Venous & Lymphatic Diseases - Part 1	R215-1	1.75	1.75			4.00		9.00	16.50	20.50
Venous & Lymphatic Diseases - Part 2	R215-2	1.00					0.50	19.00	20.50	24.50
Cardiovascular MR & CT	R197	1.00	1.00	2.00		6.50			10.50	10.50
Rad Tech's Guide to Radiation Protection	R70			5.00					5.00	5.00
Pulmonary & Critical Care Medicine	R219					35.00			35.00	35.00
Current Essentials of Medicine	R206	2.75	2.00		2.50	2.00	0.50		9.75	35.00
Oxford American Handbook Critical Care	R174	4.50	3.50		1.75	2.75		2.00	14.50	24.00
Peripheral Arterial Disease - Part 1	R193-1	7.00	1.25	0.50				13.50	22.25	52.25
Peripheral Arterial Disease - Part 2	R193-2	0.50			1.75	3.00	0.50	23.00	28.75	54.75
Essentials of Anatomy & Physiology	R84	3.00	0.75	0.50	3.75	3.00	5.00	5.00	21.00	35.00
The Trauma Manual	R117	2.50	1.25	0.25	10.50	3.25	2.25	8.50	28.50	54.75
Human Anatomy	R100			0.50	5.50	4.00	6.00	4.00	20.00	21.00
Emergent Management of Trauma	R207	1.50	2.00		1.00	1.00	4.00	2.00	11.50	22.00
Introduction to Radiation Protection	R186			6.00					6.00	14.50
Orthopaedic Surgery Case Files	R220	0.50					20.25		20.75	21.75
Cardiovascular Physiology	R225	3.00	1.00			11.25			15.25	15.25
Neuroimaging in Ophthalmology	R227			1.00				1.00	2.00	5.75
Pediatric Radiology	R205				3.50	4.50	5.75	5.00	18.75	21.75
Introduction to Diagnostic Radiology	R202	0.25	0.25	0.25	12.00	12.00	7.50	6.50	38.75	62.00
Imaging for the Healthcare Practitioner	R228				0.50	0.25	2.00	0.25	3.00	11.75
Radiation Protection in Medical Radiography	R01			6.00					6.00	16.50
Digital Radiography & PACS	R102	1.50		2.75					4.25	9.50
Cardiology Emergencies	R232	5.75				9.50			15.25	17.75
Anatomy for the Radiologic Professional	R07			0.25	4.00	4.00	8.00	8.50	24.75	24.75
Pandemics	R233	10.00							10.00	10.00
Diseases & Disorders	R85	2.25	2.25		25.00	10.50	9.00	10.50	59.50	59.50

Radiologist Assistant		Patient Care		Safety Pt. safety, Rad Protection, Eqpt. Operation	Procedures				Total RA Credits	Total Course Credits
Course Name	Course Number	Patient Mgmt	Pharmacology		Abdominal	Thoracic	Musculoskeletal & Endocrine	Neuro, Vascular, Lymphatic		
Pulmonary Pathophysiology	R231					18.75			18.75	18.75
Gastrointestinal Imaging Case Review	R238	0.50	0.50		14.75	1.00			16.75	16.75
Vascular Medicine	R239	2.00	1.00					34.75	37.75	41.25
Ionizing Radiation Health Risks	R234	1.00		22.50					23.50	42.25
Pediatric & Adult Body CT Doses	R235			1.25					1.25	1.25
Structures of the Head and Neck	R241					0.50	1.00	13.00	14.50	18.75
Genitourinary Imaging Case Review	R243	2.75			8.50		1.00	1.00	13.25	16.75
Critical Care Ultrasonography	R240	1.00			3.75	1.00	4.00	4.00	13.75	30.25
MRI in Practice	R71	0.25	0.25	2.25	1.00	1.00	1.25	1.25	7.25	31.00
Practical Bedside Echocardiography Cases	R245					5.75			5.75	11.75
Clinical Neuroimaging Cases & Key Points	R189							4.75	4.75	5.75
Atlas of Echocardiography	R237		1.00			10.25			11.25	23.25
Atlas of Women's Cardiovascular Health	R246		1.00			8.00			9.00	10.75
In Vivo Clinical Imaging & Diagnosis	R247				0.25	0.50	0.25	0.25	1.25	11.25
Harrison's Cardiovascular Medicine Part 1	R244-21		2.00			19.75			21.75	34.75
Harrison's Cardiovascular Medicine Part 2	R244-22	2.50	2.00			25.75		1.25	31.50	32.50
Heart Disease	R249		1.00			6.25			7.25	8.25
The WHO Manual of Diagnostic Imaging	R251			0.25		5.50			5.75	5.75
Spine Imaging Case Review	R242							13.75	13.75	13.75
Whiplash for the Imaging Professional	R63							5.25	5.25	32.00
Complete Guide to Cardiac CT	R204	2.00	2.00	4.00		29.50			37.50	37.50
Trauma & Mobile Radiography	R02	1.75	0.75	0.25	0.25	0.25	2.75	0.75	6.75	10.00
Cardiology Board Review Part 1	R250-1	2.25	5.00		1.00	10.00		2.50	20.75	53.00
Cardiology Board Review Part 2	R250-2		2.75			11.75		2.75	17.25	33.75
Pathophysiology A Practical Approach	R253				9.00	6.50	4.00	6.50	26.00	35.00
Pediatric Cardiology	R256	2.00	1.00			4.00		2.00	9.00	28.50
Empathy in Healthcare	R254	2.75							2.75	8.25
Manual of Healthcare Leadership	R255	11.00							11.00	14.50
Clinical Neurology	R257	4.00	2.00			0.50		16.50	23.00	37.00
Digital Radiography in Practice	R248			0.50					0.50	10.25
Understanding Teamwork in Healthcare	R258	5.75							5.75	28.25
Harrison's Theumatology	R259	2.00	0.25		0.50	0.75	7.50	0.25	11.25	25.00



## Radiation Therapy (THR)

View the specific requirements by clicking here:

[THR Requirements](#)

Course Name	Course Number	Patient Care							Safety		Procedures				Total THR Credits	Total Course Credits
		Ethical & Legal Aspects	Interpersonal Communication	Physical Assistance	Medical Emergencies	Infection Control	Handling & Disposal of Toxic or Hazardous Mat'l.	Pt. and medical record mgmt.	Radiation Physics, Eqpt. & QA	Radiation Protection	Treatment Sites & Tumors	Treatment Volume & Localization	Prescription & Dose Calculation	Treatments		
IV Therapeutics	R51		5.00												5.00	42.50
Essentials of Anatomy & Physiology	R84		3.00					0.75		0.50	3.00	0.50			7.75	35.00
Human Anatomy	R100									0.25	19.75				20.00	21.00
Radiation Protection in Medical Radiography	R01								4.00	4.00					8.00	16.50
Anatomy for Radiologic Professional	R07									0.25	7.00	2.50		2.00	11.75	24.75
Pandemics	R233		10.00												10.00	10.00
Diseases & Disorders	R85		1.00					1.00			2.00	2.00		2.00	8.00	59.50
Pulmonary Pathophysiology	R231										4.00				4.00	18.75
Gastrointestinal Imaging Case Review	R238										10.50				10.50	16.75
Ionizing Radiation Health Risks	R234		4.25					4.25	5.50	27.25					41.25	42.25
Spine Imaging Case Review	R242							2.75			9.00				11.75	13.75
Structures of the Head and Neck	R241										10.00				10.00	18.75
Genitourinary Imaging Case Review	R243							6.75			5.00				11.75	16.75
Clinical Neuroimaging Cases & Key Points	R189							2.25			2.25				4.50	5.75
Atlas of Echocardiography	R227										3.00				3.00	23.25
In Vivo Clinical Imaging & Diagnosis	R247							0.25			1.00			0.25	1.50	11.25
Harrison's Cardiovascular Medicine Part 1	R244-21										2.00				2.00	34.75
Pathophysiology A Practical Approach	R253									1.25	10.50				11.75	35.00
Empathy in Healthcare	R254		2.75												2.75	8.25
Manual of Healthcare Leadership	R255		11.00												11.00	14.50
Clinical Neurology	R257		2.00								1.75				3.75	37.00
Digital Radiography in Practice	R248								0.25						0.25	10.25
Understanding Teamwork in Healthcare	R258		7.00												7.00	28.25

**Radiography (RAD)**

View the specific requirements by clicking here:

[RAD Requirements](#)

Course Name	Course Number	Patient Care							Safety		Image Production		Procedures			Total RAD Credits	Total Course Credits
		Ethical & Legal Aspects	Interpersonal Communication	Physical Assistance & Monitoring	Medical Emergencies	Infection Control	Handling & Disposal of Toxic or Hazardous Mat'l.	Pharmacology	Radiation Physics & Radiobiology	Radiation Protection	Image Acquisition & Technical Eval.	Eqpt. Operation & QA	Head, Spine & Pelvis	Thorax & Abdomen	Extremities		
Acute Care Surgery	R217											1.50	8.50	1.25	11.25	21.25	
IV Therapeutics	R51		5.00												5.00	42.50	
Rad Tech's Guide to Radiation Protection	R70							2.50	1.50	1.00	1.00				6.00	5.00	
Pulmonary & Critical Care Medicine	R219												21.50		21.50	35.00	
Current Essentials of Medicine	R206		4.00									0.50	5.00		9.50	35.00	
Whiplash for the Imaging Professional	R63									0.25	0.25	5.25			5.75	32.00	
Essentials of Anatomy & Physiology	R84		3.75					0.50				6.75	6.75	4.00	21.75	35.00	
The Trauma Manual	R117		2.50						0.25			2.75	5.00	2.50	13.00	42.50	
Human Anatomy	R100							0.25				4.75	9.50	5.50	20.00	21.00	
Introduction to Radiation Protection	R186							2.00	5.00						7.00	14.50	
Orthopaedic Surgery Case Files	R220													20.25	20.25	21.75	
Pediatric Radiology	R205											4.00	6.50	4.75	15.25	21.75	
Introduction to Diagnostic Radiology	R202		0.50					0.25	0.25	0.25	0.25	2.00	19.00	9.00	31.50	62.00	
Imaging for the Healthcare Practitioner	R228		0.50					0.25	0.25			0.25	1.00	4.50	6.75	11.75	
Radiation Protection in Medical Radiography	R01							6.50	4.00	1.50	2.00				14.00	16.50	
Digital Radiography & PACS	R102		0.50							1.25	7.75				9.50	9.50	
Cardiology Emergencies	R232		5.75												5.75	17.75	
Anatomy for the Radiologic Professional	R07							0.25				8.25	8.25	6.00	22.75	24.75	
Pandemics	R233			10.00											10.00	10.00	
Diseases & Disorders	R85		2.00									10.50	35.50	9.00	57.00	59.50	
Pulmonary Pathophysiology	R231												18.75		18.75	18.75	
Gastrointestinal Imaging Case Review	R238		1.00										15.75		16.75	16.75	
Ionizing Radiation Health Risks	R234		1.00					18.00	5.50						24.50	42.25	
Spine Imaging Case Review	R242		2.75									9.00			11.75	13.75	
Structures of the Head and Neck	R241											5.50	1.50		7.00	18.75	
Genitourinary Imaging Case Review	R243		2.75										6.00		8.75	16.75	
The WHO Manual of Diagnostic Imaging	R251									0.25	0.25		4.50		5.00	5.75	
Emergent Management of Trauma	R207		1.50									1.00	1.75	3.75	8.00	22.00	
Trauma & Mobile Radiography	R02		2.75						0.25	0.25	0.50	1.25	0.75	4.25	10.00	10.00	
Cardiology Board Review Part 1	R250-1												1.50		1.50	53.00	
Pathophysiology A Practical Approach	R253											2.00	4.50	1.50	8.00	35.00	
Pediatric Cardiology	R256												2.00		2.00	28.50	
Empathy in Healthcare	R254		2.75												2.75	8.25	
Manual of Healthcare Leadership	R255		11.00												11.00	14.50	
Clinical Neurology	R257		2.00									2.75			4.75	37.00	
Digital Radiography in Practice	R248							0.25	0.25	1.75	7.25				9.50	10.25	
Understanding Teamwork in Healthcare	R258		7.00												7.00	28.25	
Harrison's Rheumatology	R259											0.25	0.25	0.25	0.75	25.00	

## Proton Therapy

View the specific requirements by clicking here:

PTH Requirements

Course Name	Course Number	Patient Care	Safety	Procedures		Total PTH Credits	Total Course Credits
		Patient Interaction & Mgmt	Radiation Protection	Treatment Sites	Simulation		
Radiation Protection in Medical Radiography	R01		1.00			1.00	16.50
Anatomy for the Radiologic Professional	R07			7.00		7.00	24.75
Essentials of Anatomy & Physiology	R84			3.00	0.50	3.50	35.00
Diseases & Disorders	R85			2.00		2.00	59.50
Human Anatomy	R100			19.75		19.75	21.00
Clinical Neuroimaging Cases & Key Points	R189			2.25		2.25	5.75
Pulmonary Pathophysiology	R231			4.00		4.00	18.75
Gastrointestinal Imaging Case Review	R238			5.25		5.25	16.75
Structures of the Head & Neck	R241			10.00		10.00	18.75
Spine Imaging Case Review	R242			4.50		4.50	13.75
Genitourinary Imaging Case Review	R243			5.00		5.00	13.25
Pathophysiology A Practical Approach	R253			9.75		9.75	35.00
Clinical Neurology	R257			1.75		1.75	37.00