



RADIOLOGIC TECHNOLOGY

Create images essential to medical diagnosis

“I transferred into KVCC’s Radiologic Technology program and have the unique experience of comparing two college’s Radiology programs. I found KVCC’s program (including the clinical sites) to be 100% more thorough, welcoming, and encouraging. The instructors were experienced, helpful, approachable, and truly interested in my performance and future job placement.”

Radiologic Technologists produce clear and accurate images of the body using radiation and imaging technology. These x-ray images help physicians diagnose and treat a variety of medical conditions. By practicing radiation safety, they ensure their patients are protected and comfortable during procedures. They educate patients about the imaging procedures they are receiving. The accurate production of such images is absolutely essential in modern medicine. Additional certifications for graduates may include: CT, Mammography, Ultrasound, MRI, Nuclear Medicine, and Radiation Therapy.

What Radiologic Technologists do:

- Assist patients during scanning process
- Ensure patient safety
- Perform diagnostic imaging in hospitals and clinics
- Monitor contrast substances used in certain scans
- Screen the quality of scans to assist radiologists
- Ensure proper infection control

Students will learn:

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|-----------------------------|------------------------|------------------|
| Patient assessment and care | Anatomy and physiology | Radiation safety |
| Pathology and pharmacology | Quality management | |

Radiologic Technology graduates work in:

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|------------------------|------------------|---------|
| Physicians’ offices | Travel companies | Clinics |
| Mobile imaging centers | Hospitals | |



Accredited by the Joint Committee on Education in Radiologic Technology (JRCERT)
 20 N. Wacker Drive, Suite 2850, Chicago, IL 60606-3182
 Telephone: 312-704-5300; Email: mail@jrcert.org

Program entry requirements:

To see the entrance requirements for this program, please view the pages ahead, and visit www.kvcc.me.edu/adv/rad

For further questions about the program, please contact Betsy Priest at:

rad@kvcc.me.edu

or go to:

www.kvcc.me.edu/rad



RADIOLOGIC TECHNOLOGY

Course #	Course Title	Credits	Prerequisites (Co-requisites)
<u>Associate in Science Degree</u>			
<u>FIRST SEMESTER</u>			
__ __	BIO213 Anatomy and Physiology I.....	4	Min. Accuplacer reading score of 80, completion of LEAP seminar, or successful completion of a college level laboratory science course
__ __	CPT__ Computer Elective	3	
__ __	RAD101 Radiographic Positioning I	3	(RAD111, RAD121)
__ __	RAD111 Clinical Practicum I	3	(RAD101, RAD121)
__ __	RAD121 Patient Care and Medical Terminology	3	(RAD101, RAD111)
<u>SECOND SEMESTER</u>			
__ __	BIO214 Anatomy and Physiology II	4	Minimum grade of "C" in BIO213
__ __	MAT117 College Algebra (or higher)	3	High school algebra, min. Accuplacer algebra score of 75, or successful completion of MAT031
__ __	RAD102 Radiographic Positioning II & Contrast Media	3	RAD101, RAD111, RAD121
__ __	RAD112 Clinical Practicum II	4	RAD101, RAD111
__ __	RAD131 Principles of Radiographic Exposure and Processing	3	(MAT117)
<u>SUMMER SESSION (8 WEEKS)</u>			
__ __	ENG101 College Composition	3	Min. Accuplacer writing score of 74
__ __	RAD103 Radiographic Positioning III.....	2	RAD102, RAD112
__ __	RAD113 Clinical Practicum III.....	4	RAD102, RAD112
<u>THIRD SEMESTER</u>			
__ __	BIO216 Pathophysiology & Principles of Pharmacology for the Health Professional	3	BIO119 and MAS121 or BIO214
__ __	COM104 Introduction to Communication OR		
__ __	COM105 Interpersonal Communication.....	3	
__ __	PHY213 Radiographic Physics.....	3	
__ __	PSY101 Introduction to Psychology	3	
__ __	RAD211 Clinical Practicum IV	5	RAD113
__ __	RAD220 Principles of Radiographic Exposure and Processing II	2	RAD131 (PHY213)
<u>FOURTH SEMESTER</u>			
__ __	RAD212 Clinical Practicum V.....	6	RAD211
__ __	RAD214 Quality Assurance & Ethical & Legal Issues.....	1	RAD131, RAD220
__ __	RAD216 Introduction to Imaging Modalities	2	
__ __	RAD218 Radiation Biology and Protection.....	2	PHY213, RAD131, RAD220
__ __	_____ Humanities Elective	3	
	TOTAL CREDITS	75	

Criteria for Graduation

Students must complete 75 credits in the Radiologic Technology program, achieve a minimum grade of "C" in all courses, and attain a final GPA of 2.0 or higher.