

<b>STUDENT NAME</b>		<b>SID #</b>	
<b>PROGRAM CHAIR</b>		<b>DATE</b>	

<b>PROGRAM REQUIREMENTS</b>			<b>Requested Substitution/Transfer Credits (if applicable)</b>			<b>Completed</b>		
<b>Course</b>	<b>Course Title</b>	<b>CR</b>	<b>College/University</b>	<b>Course</b>	<b>CR</b>	<b>Grade</b>	<b>Quarter</b>	<b>Year</b>
<b>PREREQUISITES</b>								
<b>MATH 099</b>	Intermediate Algebra	<b>5</b>						
<b>ENGL&amp; 101</b>	English Composition I	<b>5</b>						
<b>BIOL&amp; 241</b>	Human Anatomy and Physiology I & Lab	<b>6</b>						
<b>BIOL&amp; 242</b>	Human Anatomy and Physiology II & Lab	<b>6</b>						
	<i>Choose one Cultural Diversity course from the following:</i>	<b>5</b>						
<b>CMST 250</b>	Organizational Communication (5 Cr)							
<b>CMST 280</b>	Intercultural Communication (5 Cr)							
<b>CMST 330</b>	Intercultural Health Communication (5 Cr)							
<b>TOTAL PREREQUISITES</b>		<b>27</b>						
<b>CORE COURSEWORK</b>								
<b>FIRST YEAR – SUMMER QUARTER</b>								
<b>RATEC 101</b>	Introduction to Radiologic Technology	<b>1</b>						
<b>RATEC 107</b>	Positioning & Related Anatomy I	<b>2</b>						
<b>RATEC 110</b>	Clinical Education I	<b>3</b>						
<b>RATEC 120</b>	Patient Care in Radiology I	<b>2</b>						
<b>FIRST YEAR – FALL QUARTER</b>								
<b>RATEC 105</b>	Introduction to Radiologic Technique	<b>3</b>						
<b>RATEC 108</b>	Positioning & Related Anatomy II	<b>3</b>						
<b>RATEC 111</b>	Clinical Education II	<b>5</b>						
<b>RATEC 125</b>	Medical Terminology	<b>3</b>						
<b>FIRST YEAR – WINTER QUARTER</b>								
<b>RATEC 103</b>	Principles of Radiographic Exposure	<b>4</b>						
<b>RATEC 109</b>	Positioning & Related Anatomy II	<b>3</b>						
<b>RATEC 112</b>	Clinical Education III	<b>5</b>						
<b>RATEC 121</b>	Patient Care in Radiology II	<b>3</b>						
<b>RATEC 127</b>	Introduction to Sectional Anatomy (2 Cr) or							
<b>RAIT 301</b>	Sectional Anatomy (3 Cr)	<b>2-3</b>						
<b>FIRST YEAR – SPRING QUARTER</b>								
<b>RATEC 102</b>	Radiographic Physics	<b>5</b>						
<b>RATEC 104</b>	Advanced Radiographic Procedures	<b>4</b>						
<b>RATEC 113</b>	Clinical Education IV	<b>5</b>						
<b>SECOND YEAR – SUMMER QUARTER</b>								
<b>RATEC 210</b>	Clinical Education V	<b>13</b>						
<b>SECOND YEAR – FALL QUARTER</b>								
<b>RATEC 211</b>	Clinical Education VI	<b>8</b>						
<b>RATEC 220</b>	Pathology I	<b>3</b>						
<b>RATEC 240</b>	Radiation Biology & Protection	<b>3</b>						
<b>SECOND YEAR – WINTER QUARTER</b>								
<b>RATEC 212</b>	Clinical Education VII	<b>8</b>						
<b>RATEC 221</b>	Pathology II	<b>2</b>						
<b>RATEC 230</b>	Quality Assurance	<b>2</b>						
<b>SECOND YEAR – SPRING QUARTER</b>								
<b>RATEC 207</b>	Concept Integration	<b>2</b>						
<b>RATEC 213</b>	Clinical Education VIII	<b>8</b>						
<b>RATEC 297*</b>	Special Topics in RATEC*	<b>2</b>						
<b>TOTAL CORE COURSEWORK</b>		<b>104-105</b>						

This selective admissions program prepares the student to become a Diagnostic Radiologic Technologist capable of carrying out the responsibilities of the staff technologist; it includes a general education background. To be considered for acceptance into the program, students must follow specific admissions guidelines, published annually.

The curriculum consists of combined class work and clinical experience over eight consecutive full-time quarters, including summers. Upon successful completion of the program, students are eligible to apply to take the American Registry examination for certification as a radiologic technologist.

Students in the Radiologic Technology program must earn a C (2.0) or better in all courses required for a degree or certificate.

Graduates may also apply their Associate of Arts in Radiologic Technology toward the BAS degree in Radiation and Imaging Sciences.

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**LEARNING OUTCOMES**

Degree recipients should possess the skills & abilities described below:

- Anticipate and provide quality patient care as it relates to diagnostic imaging.
- Operate modern technology radiographic imaging equipment and accessory devices.
- Demonstrate proper positioning of the patient and imaging system to perform radiographic examinations and procedures.
- Modify standard procedures to accommodate for patient condition and other variables.
- Formulate exposure factors to obtain diagnostic quality radiographs with minimum radiation exposure.
- Adapt exposure factors for various patient conditions, equipment, accessories and contrast media to maintain appropriate radiographic quality.
- Practice radiation protection for the patient, self and others.
- Evaluate radiographic images for appropriate positioning and image quality.
- Evaluate the performance of radiographic systems, know the limits of equipment operation, and report malfunctions to the proper authority.
- Exercise independent judgment and discretion in the technical performance of medical imaging procedures

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**FOR MOST UP-TO-DATE INFORMATION, GO TO:**

*[www.bellevuecollege.edu/programs/degrees/proftech/ratec/#ratecdegree](http://www.bellevuecollege.edu/programs/degrees/proftech/ratec/#ratecdegree)*

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