

**THIS IS A CAREER DEGREE.  
IT IS NOT DESIGNED TO TRANSFER TO A FOUR YEAR UNIVERSITY.**

**Danville Area Community College  
2010-2011**

## Radiologic Technology

Associate in Applied Science Degree

This rigorous program offers a wide variety of educational experiences in professional/technical coursework, the social and natural sciences, mathematics, the humanities, and communication. In addition to classroom and laboratory sessions, students will complete 1300 hours of clinical education coordinated by the faculty at DACC and directly supervised by licensed technologists at affiliated medical facilities. This critical component of the curriculum allows students to perform real world hands-on application of knowledge. The program is accredited by the Joint Review Commission for Education in Radiologic Technology (JRCERT) and its graduates are eligible to take the American Registry of Radiologic Technologists (ARRT) national certification examination and obtain state licensure. All courses must be completed with a grade of "C" or better. This program is an occupational program typically not designed to transfer; however, this program has been articulated to some senior institutions. Please contact a counselor for specific details.

**Designated as a Partnership for College & Career Success program.**

*First time degree seeking students must complete INST101, Success in College, as a requirement for graduation.*

**Entrance Requirements:**

Math\* – placement by test into college algebra (MATH 111) or higher algebra-based mathematics or successful completion of MATH 105 Intermediate Algebra or higher algebra-based math course.

<b>Pre-requisite Courses*</b>	<b>HOURS</b>	<b>F,S,I,SU</b>	<b>GRADE</b>
BIOL 136 Anatomy and Physiology I	4		
BIOL 137 Anatomy and Physiology II	4		
PHYS 141 Physical Science I	4		
Total	12		
<b>REQUIRED COURSES</b>			
<b>First Semester</b>			
RDTC 101 Introduction to Radiologic Technology	2		
RDTC 102 Patient Care in Radiologic Technology	2		
RDTC 103 Radiologic Physics I	3		
RDTC 104 Radiologic Procedures I	3		
SPCH 101 Oral Communications**	3		
Total	13		
<b>Second Semester</b>			
RDTC 105 Radiologic Procedures II	3		
RDTC 107 Radiation Biophysics	2		
RDTC 108 Radiologic Physics II	3		
RDTC 109 Clinical Education I	2		
ENGL 101 Rhetoric and Composition I**	3		
Total	13		
<b>First Summer Semester</b>			
RDTC 106 Radiologic Procedures III	3		
RDTC 110 Clinical Education II	2		
Total	5		

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Radiologic Technology (continued)

<b>REQUIRED COURSES</b>	<b>HOURS</b>	<b>F,S,I,SU</b>	<b>GRADE</b>
<b>Third Semester</b>			
RDTC 201 Digital Applications in Imaging	2		
RDTC 202 Radiologic Procedures IV	2		
RDTC 209 Clinical Education III	2		
RDTC 200 Atypical Radiologic Procedures	3		
PSYC 100 Introduction to Psychology**	3		
Total	12		
<b>Fourth Semester</b>			
RDTC 204 Radiographic Pathology	2		
RDTC 205 Image Analysis	2		
RDTC 203 Radiologic Procedures V	3		
RDTC 210 Clinical Education IV	2		
Humanities Elective** (from approved IAI)	3		
Total	12		
<b>Second Summer Semester</b>			
RDTC 211 Clinical Education V	2		
RDTC 212 Special Topics in Radiologic Technology	2		
Total	4		

Total Hours 71

In addition to the pre-requisites listed on page 1, it is recommended that students also complete BOFF 140 Medical Terminology and HLTH 102 First Aid/CPR.

\* Current within five years. Students who have begun the Biology sequence with BIOL 102 in the Fall semester are still eligible for selection consideration. However, if selected into the program, BIOL 137 must be successfully completed during the Summer Session immediately preceding entry into the program.

\*\* Recommended sequence for general education courses

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Enrollment in developmental classes may increase the length of time it takes to complete an associate degree.

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