



# Wilbur Wright College

One of the City Colleges of Chicago

4300 N. Narragansett Ave • Chicago, IL 60634-1591

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## Program in Radiography

Room L281 773-481-8880

Hello,

Thank you for your interest in our Diagnostic Medical Imaging Program in Radiography. This challenging health field is attracting many dedicated students each year.


Wright College requires a separate application for our program, and I am enclosing a copy for you. Please fill in the application and return it to me as soon as possible. In addition, if you are not currently enrolled at Wright it is also necessary that you complete an application for admission to the college. Contact our admissions office at 773-481-8200 for further information.

The major requirements for students entering the radiography program are explained in the additional information included with this letter. Please review them carefully. If you are deficient in any of these areas, you can build your skills by taking the appropriate remedial course(s). If you are not sure about your academic abilities you can contact our testing office at 773-481-8450 to make arrangements to take the various placement tests.

Please review all the information enclosed with this letter. It will answer many of your questions, explain how to submit your transcripts, give you an idea of the costs of the program, and describe many of our policies. Complete description of any policy can be found in the *Diagnostic Medical Imaging Student Handbook* and the *Diagnostic Medical Imaging Clinical Educational Manual*, both found in the Learning Resource Center. I also recommend that you review the *Wright College Catalog*, which can be found in the admissions office and elsewhere throughout the campus. You can also visit our web site at <http://wright.ccc.edu/departments/radiography>

Once again, thank you for your interest in Diagnostic Medical Imaging at Wright College. If you have any additional questions, contact our office at 773-481-8880.

Sincerely,

  
Dennis M. King  
Director

# Information for Prospective Radiography Students

Please read the following information. It will answer many of your questions and explain the methods we use when accepting students. For additional information, **we suggest you visit our web site at <http://wright.ccc.edu/department/radiography>**.

## **Application Procedure**

The first thing to do is get your application filled out and returned to our office. We use the date on the application as one of the “tie breakers” when making our acceptance decisions. *Send official transcripts to our office for all college course work you want us to consider. Don't have the transcripts sent to our registrar's office.* We will send them there after we review them. If we don't get the transcripts, we can't make a decision. If your college transcripts are only from Wright or one of the other City Colleges and are less than ten years old, you do not have to send an official set; we can get them from our records system. It is your responsibility to make sure we get your transcripts. Check with our office to make sure.

If you've taken a course at another college and you are not sure if it is equivalent to ours, follow this procedure. Take the course description and any other information about the course you have to the appropriate department chairperson at Wright. Ask them to evaluate your documents. If they decide that the course is equivalent to ours, have them send a memo to our department indicating their approval. This is YOUR responsibility.

Once we have made our initial selections, the final stage in the application process requires spending 4–6 hours in an observation program at one of our affiliate hospitals. Special instructions are provided for those candidates eligible for this experience.

## **Deadline for Submitting Your Application**

Your application for the program must be received in our office no later than February 1. Your application includes the application form itself, your official college transcripts, and any other supporting documents depending on your particular situation. Remember, it's your responsibility to make sure we get everything! Incomplete applications will not be considered. All students will receive written notification of their application status by the end of March.

## **General Education Courses Required for the Program**

Listed below are the general education courses required for the program. Each course must be completed with a minimum grade of C. The course descriptions for these courses can be found at the end of this document.

- Math 140–College Algebra or higher
- English 101–Composition
- Biology 226\* and 227–Human Structure and Function I and II (must be completed within 5 years of the date of application.)
- Biology 120–Terminology for Medical Careers
- Computer Information Systems 120–Introduction to Microcomputers
- Psychology 201–General Psychology

- \* If you plan on taking your biology courses at Wright, our Biology department requires Bio 121—General Biology I as a prerequisite for enrollment in Biology 226.

We anticipate that there will be many more candidates applying for the program than we will be able to accept. When this occurs, The *Wright College Catalog* states: “If more candidates apply than the program can accept, the best qualified will be admitted.” When we review your application and transcripts we will look at how many of these courses you have completed. Those students who have taken and completed all of them with a grade of “C” or better will have a better chance for admission.

Therefore, you will have a better chance for acceptance if you satisfactorily complete these courses rather than just being eligible for them. The more of these courses you can complete and the better your grades, the greater will be your chance of being admitted to the program. We recommend that you spend the upcoming school year getting ready.

## **Mission and Goals**

The mission of the Wright College Program in Radiography is to prepare graduates to function as integral members of the healthcare team. To accomplish this mission the program is designed to provide the necessary professional skills, progressive maturity, and the intellectual, social, and emotional values necessary to make him/her a trustworthy member of the healthcare team.

Our philosophy is to educate the student to become a holistic and professional person. This demands not only education in the art and science of medical imaging, but a focus on the broader, humanistic values. To this end the student will not only be evaluated on his knowledge but on specific skills as well. This entails a highly sophisticated curriculum. It is imperative that the student learns the necessary scientific principles as well as accepts his responsibility to the patient, his fellow human beings, his profession, and himself.

The program mission is further defined in the following goals:

- ◆ to provide the healthcare community with a graduate possessing the knowledge and skills to function capably in the patient care environment.
- ◆ to provide an educationally supportive environment that will produce a graduate able to successfully pass the nationally recognized certification examination.

## **Student Learning Outcomes**

Upon completion of the AAS degree program in radiography, the graduate will be able to:

- ◆ provide compassionate and responsible patient care during diagnostic procedures.
- ◆ use oral and written communication with patients, peers, and medical staff.
- ◆ produce diagnostic radiographs safely and competently in the context of all radiographic procedures.
- ◆ practice the safe application of radiation at all times, thereby protecting self, patients, and other personnel.
- ◆ utilize critical thinking, problem solving, and decision-making skills in performing medical imaging procedures.
- ◆ successfully pass the certifying examination given by the professionally recognized accrediting agency.
- ◆ possess the clinical skills necessary for professional practice as an entry-level radiographer.

## ARRT Ethics Requirements

The American Registry of Radiologic Technologists is the organization that administers the national certification examination. The ARRT has specific eligibility requirements and restrictions. Candidates must be of good moral character. Generally, the conviction of either a felony, or any offense, misdemeanor or felony, involving moral turpitude may indicate a lack of good moral character for Registry purposes. Individuals in this situation will not be eligible for the national certification and thus should not enroll in a radiography program

If you have been convicted of a crime you feel may affect your eligibility for national certification, we suggest you contact the ARRT as soon as possible to determine your eligibility status. The first step is to go to the Ethics section of the ARRT web site for information. The web address is [www.arrt.org](http://www.arrt.org).

If you don't find the answers there contact the ARRT Ethics Department at 651-687-0048, ext. 580. You may also write them at

ARRT  
1255 Northland Dr  
St. Paul, MN 55120

## Typical Fees

The fees listed below are typical approximate costs undertaken in the 26 month AAS degree program in radiography for those students living within the city limits of Chicago. Tuition costs for other students are substantially higher (refer to the current Wright College Catalog.) These figures are subject to change without notice.

Tuition: Gen Ed Courses (17 cr. hr @ \$72.00 per hr.) .....	\$1224.00
Tuition: Professional Courses (58 cr. hr @ \$72.00 per hr.).....	4176.00
Registration fees (6 @ \$25.00).....	150.00
Lab Fees (20 @ \$20.00) .....	400.00
Activity Fees (6 @ \$100.00) .....	600.00
Books.....	600.00
Uniforms/lab coat/shoes .....	250.00
Health Insurance.....	360.00
Physical examinations .....	250.00
<u>ARRT test fee.....</u>	<u>150.00</u>
Total .....	\$8160.00

## Patient Care Experiences at Affiliate Hospitals

Each student will spend substantial time in several of our affiliate hospitals as part of his/her clinical studies. The costs of travel to and from each hospital are the responsibility of the student. Students are assigned to a clinical institution based on educational considerations; they have absolutely no say on where they will be assigned. That is, students may not choose the institutions to which they will be assigned.

Students are guests while at any institution. The affiliation agreement between the College and the Institution gives them the right to refuse to permit any student on its premises for any number of valid reasons. The College and Program cannot force any institution to accept any student. Students are only guaranteed a clinical space as long as they comply with all rules and regulations of the program and College. A student who is suspended for breach of professional conduct may not be accepted back at the institution to which he/she was assigned. Further, no other institution

could agree to accept the student. When this occurs, the student will have to withdraw from the program.

We are currently affiliated with the following institutions:

Advocate Lutheran General Hospital, Park Ridge  
Childrens' Memorial Medical Center, Chicago  
Illinois Bone & Joint Institute, Morton Grove  
Loyola University Medical Center, Maywood  
Mercy Hospital & Medical Center, Chicago  
NorthShore University HealthSystem, Evanston  
Northwestern Memorial Hospital, Chicago  
Rush University Medical Center, Chicago  
Shriners' Hospital for Children, Chicago  
Swedish Covenant Hospital, Chicago  
University of Illinois at Chicago Hospital, Chicago

## **Student Employment as a Radiographer**

Students enrolled in the Radiography program may not accept or engage in paid employment as a radiographer. Doing so is a violation of Illinois law and will result in dismissal from the program.

## **Drug Screening**

Clinical education, the time spent in direct patient care experiences, begins during the Spring semester, well after a student has begun the program. In order for any student to be assigned to a hospital to obtain this vital clinical experience, an agreement must be in place between the hospital and Wright College. It is possible that hospitals may begin requiring drug screening prior to the start of a student's clinical experience. This may become part of the necessary physical examination. The approximate cost of drug screening is \$200.00. Currently, drug screening is not required by any of our affiliate hospitals. Further information will be made available if this does become standard practice. A student who is denied admission to an institution because of a failed drug test will be required to withdraw from the program.

## **Criminal Background Check**

The State of Illinois has implemented Public Act No. 89-197, the Health Care Worker Background Check Act. This law requires a criminal background check on all applicants applying for jobs with direct patient contact. Part of the employment process will include a criminal background investigation for felony convictions. Individuals with a felony conviction in their background may not be eligible for employment. This law also requires a criminal background check of students in radiography programs. A student who is denied admission to an institution because of a failed criminal background check will be required to withdraw from the program.

## **Physical and Mental Abilities**

Medical imaging is a physically, mentally, and emotionally challenging profession. To be successful in mastering the knowledge, skills and behaviors to become a medical imaging specialist, the student must possess certain attributes. As a prerequisite for clinical education, the student must meet the following non-academic criteria:

### **Observation**

The student must be able to actively participate in all demonstrations, laboratory exercises, and clinical experiences: eg. sees the patient in the context of the imaging procedure; hears the patient

during the performance of the imaging procedure. The student must be able to assess and comprehend the condition of all patients assigned for medical imaging examinations.

## **Communication**

The student must be able to verbally communicate in English and demonstrate sensitivity toward patients in order to elicit information: eg. asks appropriate questions to take a patient history; explains imaging procedures to the patient. The student must describe changes in mood, activity, posture and physical condition as well as non-verbal communication: recognizes and expresses changes in patient condition; activates emergency procedures. The student must effectively transmit information to patients, fellow students, faculty and staff, as well as other members of the health care team.

## **Motor**

The student must have sufficient motor function to elicit information from patients through appropriate diagnostic maneuvers: seeks assistance with less-than-optimum patients. The student must possess all skills necessary to carry out diagnostic procedures: carries several pounds of equipment; transfers equipment and patients from area to area. The student must execute motor movements reasonably required to provide general care and emergency treatment to patients: transfers patients from wheelchair or cart to imaging equipment; catches the patient that faints; initiates basic emergency treatment; performs cardiopulmonary resuscitation

## **Intellectual/Conceptual, Integrative, and Quantitative Abilities**

The student must be able to measure, calculate, reason, analyze, evaluate, and synthesize. Problem solving, which is the critical skill demanded of medical imaging specialists, requires all of these intellectual abilities: improvises with non-traditional patients to obtain the traditional image; utilizes alternative methods when routine is ineffective. The student must be able to comprehend three-dimensional relationships and understand the spatial relationships of structures: understands geometric relationships between anatomy and imaging media; visualizes cross-sectional anatomy in various planes.

## **Behavioral and Social Attributes**

The student must possess the emotional health required for full utilization of their intellectual abilities; the exercise of good judgment; the prompt completion of all responsibilities attendant to the care of patients; and the development of mature, sensitive, and effective relationships with patients. Students must also tolerate taxing workloads, function effectively under stress, adapt to changing environments, display flexibility, and learn to function in the face of uncertainties inherent in the clinical problems of many patients. Compassion, integrity, concern for others, interest, and motivation are personal qualities which each student should possess.

## **Non-discrimination**

Wilbur Wright College and the Diagnostic Medical Imaging program do not discriminate on the basis of race, color, creed, religion, national origin, handicap, age, sex, sexual orientation or marital status in admission to and participation in its educational programs, College activities and services, or in its employment practices. The College does not tolerate sexual harassment by or of its students or employees. Inquiries regarding compliance with state or federal nondiscrimination requirements and/or sexual harassment may be directed to the Dean of Student Services. In accordance with Section 504 of the 1973 Rehabilitation Act, Wright College wishes to make every effort to facilitate learning by those persons broadly defined as handicapped or disabled. Students who believe they will need assistance to participate in coursework should notify the Special Needs Office.

## **General Education Courses Required for the Radiography Program**

### **English 101**

Composition – Development of critical and analytical skills in writing and reading of expository prose. Writing assignments, as appropriate to the discipline, are part of the course. Prerequisite: Placement test, or Grade of C or better in English 100 and fulfillment of reading requirement, or Consent of Department Chairperson. 160 minutes per week. 3 credit hours.

### **Mathematics 140**

College Algebra - Algebra of real and complex numbers, functions, algebraic and graphical solutions of linear, quadratic and systems of equations. Logarithmic and exponential functions. Additional topics from determinants, sequences, series, the Binomial Theorem, Mathematical Induction, and elements of the Theory of Equations. Writing assignments, as appropriate to the discipline, are part of the course. Prerequisite: C or better in Mathematics 099 (formerly Math 111), or Math 112, or appropriate performance on the placement test or consent of the Department Chairperson. 4 credit hours.

### **Psychology 201**

General Psychology – Historical survey of psychology and a study of the sensory and perceptual processes: learning, thinking, remembering, emotional behavior, motivation, mechanism of adjustment, and the total personality. Writing assignments, as appropriate to the discipline, are part of the course. Prerequisite: Grade of C or better in Social Science 101 or English 101, or Consent of Department Chairperson. 150 minutes per week. 3 credit hours.

### **Computer Information Systems 120**

Introduction to Microcomputers – Fundamental concepts of computer information systems as applied to microcomputers in business and personal use; includes hands-on experience with a variety of microcomputer software. Writing assignments, as appropriate to the discipline, are part of the course. 150 minutes per week. 3 credit hours.

### **Biology 120**

Terminology for Medical Careers – Basic medical vocabulary for allied health professionals and others with minimal background in anatomy and physiology; includes study of the human body systems. Writing assignments, as appropriate to the discipline, are part of the course. 150 minutes per week. 3 credit hours.

### **Biology 226**

Human Structure and Function I – Human anatomy and physiology. The laboratory course is recommended for those contemplating a career in the health professions and emphasizes the structure and function of the human body. Microscopic and gross anatomy are correlated with physiology. Writing assignments, as appropriate to the discipline, are part of the course. Prerequisite: Biology 114 or 115 or Biology 121, or Consent of Department Chairperson. Previous completion in Biology 120 (medical terminology) is strongly suggested. 2 lecture and 4 lab hours per week. 4 credit hours.

### **Biology 227**

Human Structure and Function II – Continuation of Biology 226. Writing assignments, as appropriate to the discipline, are part of the course. Prerequisite: Biology 226, or Consent of Department Chairperson. 2 lecture and 4 lab hours per week. 4 credit hours.

Revised: February 2009

## Application for Admission

### Personal

Name (last, first) \_\_\_\_\_ Date \_\_\_\_\_

Former last name/Maiden name \_\_\_\_\_

Home Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_ Home Phone \_\_\_\_\_

Social Security Number \_\_\_\_\_ City Colleges Student ID# \_\_\_\_\_

Email address \_\_\_\_\_

### Colleges Attended

Name & location \_\_\_\_\_

Dates Attended \_\_\_\_\_ Credits \_\_\_\_\_ Degree \_\_\_\_\_

Name & location \_\_\_\_\_

Dates Attended \_\_\_\_\_ Credits \_\_\_\_\_ Degree \_\_\_\_\_

Name & location \_\_\_\_\_

Dates Attended \_\_\_\_\_ Credits \_\_\_\_\_ Degree \_\_\_\_\_

### Other Education or Training

Name & location \_\_\_\_\_

Description \_\_\_\_\_

Dates Attended \_\_\_\_\_ Credits \_\_\_\_\_ Degree \_\_\_\_\_

## Radiography General Education Courses

Please indicate which general education courses you have completed, that you are currently enrolled in, and the courses you plan to complete at a future date. Note that you **MUST** complete each course with a minimum grade of “C” or better to be considered for admission.

	Completed/Grade	Currently enrolled	To be taken
Math 140			
English 101			
Biology 226			
Biology 227			
Biology 120			
CIS (IT) 120			
Psychology 201			

### Applicant Statement

The information provided in this application is accurate to the best of my knowledge and is subject to verification by Wright College. I understand that acceptance into the program is dependent upon my having the necessary prerequisites. I also understand that if the total number of candidates applying for the program is larger than can be admitted, that preference will be given to those candidates who are best qualified.

Signature \_\_\_\_\_ Date \_\_\_\_\_

Return your application and all documentation to:

Wilbur Wright College  
Diagnostic Medical Imaging  
4300 N. Narragansett Ave.  
Chicago, IL 60634

- ☛ You must send official transcripts to our office of all college course work you want us to consider. Don't have your transcripts sent to the Registrar's office.
- ☛ The deadline for submitting your application and transcripts is February 1.