

## **Virtual Career Shadowing and Application Advice**

### **Directions:**

After you have reviewed the websites listed on the pages below and independently researched the profession, complete the Career Assessment Form (CAF). When you have completed the CAF, **remember** to return it before **February 1<sup>st</sup>** to the:

**Admissions Office  
Northampton Community College  
3835 Green Pond Road  
Bethlehem, PA 18020**

### **Upon completion of your “virtual shadowing,” you should be able to do the following:**

- Make an informed career choice.
- Answer the focus questions on the CAF.
- Discuss the ever-changing and dynamic field of radiology.
- Feel more confident about going into the interview with a good knowledge base.

### **Internet resources to review prior to completing the CAF:**

#### **ASRT**

Explore the American Society of Radiologic Technologists (ASRT) website [www.asrt.org](http://www.asrt.org)

#### **Click on the Career Center tab-Careers in Radiologic Technology**

View the linked resources:

Who are Radiologic Technologists?  
Explore Careers

**Explore the Resources for Your Patients links at <https://www.asrt.org/patients>** to find information on exams and procedures as well as patient safety information. Look at the Radiography exam descriptions since these are the exams you will be performing.

#### **ARRT**

The American Registry of Radiologic Technologists (ARRT) is the world’s largest credentialing organization that seeks to ensure high quality patient care in medical imaging, interventional procedures, and radiation therapy. When you have successfully completed the program you will be eligible to sit for the ARRT registry exam. [www.arrt.org](http://www.arrt.org)

**Click on the ABOUT THE PROFESSION tab to access information on the career and why credentials are important.**

## Other Links of Interest

### Radiologic Technology as a Career

<http://www.youtube.com/watch?v=6ZqcuLoSoww>

<http://www.youtube.com/watch?v=VUUUKrNxV4U>

### Want to be a tech?

<http://www.youtube.com/watch?v=1SlkTVHwhlg>

### Your Radiologist Explains: Upper Gastrointestinal (GI) Examination

<http://www.youtube.com/watch?v=PiYEy2Rz77s>

### A typical day in the life of an X-Ray Technologist at an urban children's hospital

<http://www.youtube.com/watch?v=Ip5IBdSdr4U>

### Radiology Technologist- Career Conversation

<http://www.youtube.com/watch?v=ffekM2PdQFM>

### Empathy: The Human Connection to Patient Care

[http://www.youtube.com/watch?v=cDDWvj\\_q-o8](http://www.youtube.com/watch?v=cDDWvj_q-o8)

### Inside the Operating Room - How Surgeons Use X-Ray to Look at Kidneys

[https://www.youtube.com/watch?v=ozKO\\_Lkrd6k](https://www.youtube.com/watch?v=ozKO_Lkrd6k)

### Preparation for the Selective Admission Interview Process:

If you are academically qualified to be called for an interview, you will need to be able answer questions posed to you about the field of radiology by your interviewer(s). The interviewer(s) will want to know to the following:

- Do you really understand the field of radiography?
- Can you answer not only factual questions but more “deep seated” questions about radiology?
- Why you have made radiography your career choice?
- What is your level of initiative and motivation?

### Remaining competitive for February 1<sup>st</sup>

To remain competitive, under the selective admissions process, and be considered as a candidate for the Fall semester start of the program, it is imperative that you return not only your application, but all the associated paperwork, no later than the deadline date, **February 1<sup>st</sup>**. Keep in mind. When paperwork is missing, the application is incomplete and cannot be processed any further.

## **An Additional Resource: The Students Currently Enrolled in the Radiography Program**

If you know, or are in a class with, any of the radiography students ask them questions about the Radiography Program. The students will be completely honest with you. Be sure to ask them about the time commitment involved as a student in the program, how much practice time was needed in the lab during off-hours, and how much time could be reasonably devoted to working while enrolled as a student in the Radiography Program.

### **Prerequisites:**

The high school prerequisite for Math is two-units of algebra with a grade of C or better (College level Elementary Algebra and Intermediate Algebra with a grade of C or better may be substituted).

If you do not have the prerequisite background for math, you can take the math placement test. However, make sure you have the two-units of high school algebra or the equivalent. For example, you can place into Introductory Statistics without having the high school prerequisite of two-units of algebra but you still need the prerequisite math as described in the first sentence of this section in order to meet the program application requirement. Check with the Program's Admissions Officer if uncertain about any program prerequisites.

**Notes:** College Algebra (MATH 140) is highly recommended if you intend to pursue a bachelor's degree in the future.  
Human Anatomy and Physiology: Due to the rigor of the course, it is recommended that you take Essentials of Biology (BIOS 115) before taking A & P.

### **Competiveness:**

The Radiography Program is highly competitive. As an applicant, you want to make sure that you have the highest overall grade point average (GPA) possible. 65% of the total applicant point score is based on academics, 5% is from the **CAF** (evaluated using a rubric), and 30% comes from the interview.

The greater the number of completed general education requirements, the higher your academic point score will be. In particular, it would be beneficial to complete Human Anatomy and Physiology I and II and your Math requirement since they form a foundation for the program course work. The general education courses are:

- Human Anatomy & Physiology I & II
- College Algebra or Introductory Statistics
- English I & II
- Speech Communication
- Introduction to Psychology
- Free Elective (3 credits, #100 level or higher)

### **Withdrawal from General Education Courses Prior to Completion:**

Withdrawing from and retaking general education courses in order to increase one's GPA etc. results in point reductions in the applicants score. You want to do well in a course the first time it's taken. If you are taking Anatomy & Physiology for the first time and expect to earn a grade of "C", DO NOT withdraw and retake it for a higher grade. A grade of "A" on the second attempt will only earn one additional point which is not worth the time and expense.