

## Online 2014 Application Instructions

Dear Applicant,

Thank you for your interest regarding the Bellevue Hospital Center School of Radiologic Technology. All attached documents are in PDF. Please read all pages carefully and follow the instructions exactly. We cannot interview any applicant, regardless of his or her credentials or score on the admissions exam, whose file is incomplete or does not contain all the documentation that is requested. In order to familiarize yourself with our radiography program and the admissions process, it is highly suggested that you review all of the enclosed information (Groups 1 - 4).

### Group 1 - Program Information

This section contains important facts concerning our program; the mission statement, prerequisites and new program start date, sponsorship, tuition, financial aid, policies, career opportunities, accrediting agencies, clinical training, school calendar, admission criteria, including essential job skills, etc. The course curriculum for the two years is also included.

### Group 2 - Financial Information

This section relates to the cost and expenses throughout the two years of the program; financial aid availability, credentialing, and entry level wage information. A quick, reference fact sheet for the entire program is included.

### Group 3 - Application Process Information

The application process has started. If you wish to apply, you will need to read the information in Group 3 and follow the application instructions. The deadline for application submission has not been established at this time. Once we have received your initial documentation (see item 4 of the 2014 Application Instruction sheet), you will be scheduled for the admissions exam. Depending on your exam results and the completeness of your folder, a determination will be made as to whether you will be interviewed by the Admissions Committee. Admission testing and interviews will be conducted as needed.

### Group 4 - Admissions Testing Information

This section of material contains a sample quiz with answers, test taking tips, and understanding the results of the test and interpretation of its different parts.

Once again, we must emphasize that you take the time to read all the enclosed information very carefully before applying to the program.

If you need further information on other radiography programs in the metropolitan area or New York State, contact the New York State Department of Health. For additional information on the medical imaging profession, contact [ASRT.org](http://ASRT.org) and [ARRT.org](http://ARRT.org). (The ARRT & ASRT sites also supply a list of program names for other imaging modalities throughout the United States).

If you have any questions, please feel free to contact the school at 212-562-4895 between the hours of 9 am to 1 pm or via email at [LLajayra.hane@Bellevue.nychhc.org](mailto:LLajayra.hane@Bellevue.nychhc.org). We are looking forward to hearing from you.

Faculty and Staff

**BELLEVUE HOSPITAL CENTER**  
**School of Radiologic Technology**

Administrative Office D510  
462 First Avenue (at 27<sup>th</sup> St.)  
New York, NY 10016-9198  
Tel: (212) 562-4895



## **MISSION STATEMENT**

**T**he mission of Bellevue Hospital Center School of Radiologic Technology is to promote, educate and train students in the medical imaging profession.

**Through an effective teaching and learning environment, graduates of the school will be able to support other health care professionals, serve the health care community, and provide quality patient care.**

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The Bellevue Hospital Center School of Radiologic Technology will achieve this mission by the completion of the following goals.

### **Goals:**

1. The program will graduate competent entry-level radiographers.
  2. The program will provide an education that promotes effective communication skills.
  3. The program will provide an education that promotes effective problem solving and critical thinking skills.
  4. Graduates will demonstrate responsible behavior and professional development.
  5. The program will graduate a sufficient number of certified entry-level radiographers to meet the needs of the health care community.
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- Bellevue Hospital Center is an Equal Opportunity Employer/Educator.
- Program recruitment and admission practices are nondiscriminatory with regard to race, gender, age, religion, national origin, disability, marital or veteran status.

## BELLEVUE HOSPITAL CENTER

### School of Radiologic Technology

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## 2014 Academic Prerequisite and Program Start Date

### Academic Prerequisite

- **Associate Degree Prerequisite for ARRT and Bellevue School:** Eligibility to sit for the American Registry of Radiologic Technologists (ARRT) Certification Exam requires the individual to have an associate degree or higher. Since Bellevue Hospital Center School of Radiologic Technology grants a certificate-of-completion, not a degree, all applicants applying to the school must currently possess an associate degree (or higher). The degree granting college or university must be accredited by 1 of 6 regional agencies listed below. While a degree in science might be more beneficial, there is no specific major or degree preference for admission to our program, only that the applicant has earned a minimum of an associate degree.
- **Recognized Degree Granting Agencies:** At this time, our program will recognize only domestic degrees granted by colleges and universities accredited by 1 of the 6 Regional Accrediting Agencies in the United States as follows:
  - **Middle States Association of Colleges and Schools** (*New York, New Jersey, Pennsylvania, Delaware, Maryland, the District of Columbia, Puerto Rico, and the U.S. Virgin Islands*).
  - **New England Association of Schools and Colleges** (*Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont*).
  - **North Central Association of Colleges and Schools** (*Arkansas, Arizona, Colorado, Iowa, Illinois, Indiana, Kansas, Michigan, Minnesota, Missouri, North Dakota, Nebraska, Ohio, Oklahoma, New Mexico, South Dakota, Wisconsin, West Virginia, and Wyoming*).
  - **Northwest Association of Schools and Colleges** (*Alaska, Idaho, Montana, Nevada, Oregon, Utah, and Washington*).
  - **Southern Association of Colleges and Schools** (*Virginia, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, South Carolina, Alabama, Tennessee, and Texas*).
  - **Western Association of Schools and Colleges** (*California, Hawaii, and Guam*).

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### Program Start Date

- **New Program Start Date:** Due to temporary closure of Bellevue Hospital as the result of Hurricane Sandy, the next incoming class, which would have started in October 2013, will begin on Monday, January 14, 2014. The application process begins in April with admissions testing and interviews occurring in the following months.

# BELLEVUE HOSPITAL CENTER

## School of Radiologic Technology

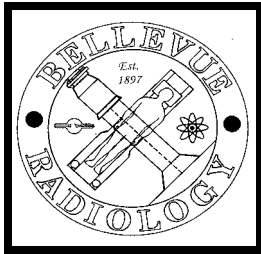
*Founded 1972*

*(Celebrating 42 years of Excellence)*

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## GENERAL INFORMATION 2014

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**Bellevue Hospital Center  
School of Radiologic Technology**  
Administrative Office D510  
462 First Ave (at 27<sup>th</sup> St.)  
New York, NY 10016-9198  
Tel: (212) 562-4895

*Bellevue Hospital Center is an equal opportunity employer/educator and committed to a smoke free environment.*

Admissions (rev 3/2013)

**Introduction:** The Bellevue Hospital Center School of Radiologic Technology (BHCSRT) offers a 24-month (six trimesters) certificate program in Radiologic Technology. The program does not grant a degree. All academic, laboratory, and clinical instruction is held on the Bellevue Hospital campus. Graduates are eligible to apply for the American Registry of Radiologic Technologists (ARRT) Certification and NYS Licensure. Bellevue Hospital Center (BHC) is located at 1st Avenue and 27th Street and is easily accessible by public transportation via the 1st and 2nd Avenue buses, the 23rd and 34th Street cross-town buses, and the No. 6 IRT subway (28th Street station). BHC is one block west of the FDR Drive. (**Note:** Bellevue has no provision for student parking.)

The school is registered with the New York State Department of Health (NYSDOH) and is accredited by the Joint Review Committee on Education in Radiologic Technology (JRCERT). The program involves approximately 950 contact hours of classroom work, 1,770 hours of clinical training, and 288 hours of workshops and independent study. School hours are from 8:30 am to 4:30 pm, Monday through Friday. All courses are required and must be taken sequentially. Successful completion of all academic courses and clinical competencies is required for graduation.

**Sponsorship/Staff:** The school is sponsored by Bellevue Hospital Center. The full-time faculty members hold valid ARRT Registrations and NYS Licenses and possess a minimum of a baccalaureate degree. Adjunct lecturers are drawn from BHC Department of Radiology and New York University School of Medicine as needed. Bellevue Hospital Center is accredited by The Joint Commission (TJC) and is a member of and governed by the New York City Health and Hospitals Corporation (HHC).

**Clinical Training:** Bellevue Hospital Center serves the health care needs of a diverse community and provides an opportunity for each student to develop empathic and culturally sensitive patient care skills. Clinical rotations include Main Radiology, Ambulatory Care Clinics, Mobile Radiography, Emergency Services, Interventional Procedures, Operating Room, Pediatrics, Bone Densitometry, Computed Tomography, and electives in Mammography, and Magnetic Resonance Imaging. Bellevue Hospital Center is a Level I Trauma Center, Designated Head and Spinal Cord Injury Center, and offers services in microsurgical re-implantation.

Students are supervised in their training by licensed staff radiographers and gain practical experience by performing a wide variety of radiological procedures.

Students have access to positioning and computer laboratories; x-ray phantoms; and skeletal, skull and body part models plus audio visual aids.

**School Calendar:** A new class will begin on the January 14, 2014. The calendar year is divided into 3 trimesters; spring, summer, and fall. The summer trimester is devoted primarily to clinical training. The trimesters commence in January, May, and September. School holidays include New Years Day, Dr. King's Birthday, Presidents' Day, Memorial Day, Independence Day, Labor Day, Columbus Day, Election Day, Veterans' Day, Thanksgiving Day and Christmas Day. The annual vacation schedule includes a winter and spring recess (one week each) and a two week summer recess.

**Admission Criteria/Prerequisites:** Due to the new ARRT associate degree requirement for certification beginning in 2015, all applicants applying to the school must possess a minimum of an associate degree (or higher) from a college or university recognized by 1 of the 6 Regional Accrediting Agencies in the United States (see information sheet for further details). Before applying to the program, the applicant is responsible for confirming that his/her college is accredited by one of the six regional accrediting agencies. Foreign transcripts (whether officially evaluated by a recognized translation service or not) are unacceptable, regardless of the applicant's level of education. Having a science and/or health care background, while not a prerequisite, is considered beneficial. All applicants must submit official copies of their transcripts from high school, college(s) and technical school (if applicable), a personal essay, and references. GED recipients must submit their certificate, scores, and the most up-to-date high school transcript. All submitted documentation remains the property of the school.

Acceptance into the program is based upon: a minimum score in each category of the admissions exam; qualifications of the applicant with regard to scholastic aptitude and maturity; life experiences, level of interest in Radiologic Technology as a career choice; a successful interview with members of the Admissions Committee; and required clearances. Medical clearances, including drug screening, and background investigations, including criminal record, are conducted on all applicants who are provisionally accepted. In addition, an applicant must be able to perform the essential job skills necessary for the profession, which include:

1. psychomotor skills utilized in (a) moving, lifting and positioning patients in beds, wheelchairs and stretchers and onto the examination table and (b) manipulation and movement of imaging equipment, including mobile radiography units;
2. visual, aural and oral skills necessary for patient observation, assessment, equipment operation, and communication;
3. standing for an extended period of time and capable of working and assisting in a sterile environment;
4. assessment and monitoring of all patients, especially the very young, elderly, critically ill, and traumatized;

5. assessment and recording of patient vital signs, and venipuncture competencies; and
6. performance of single and dual person CPR.

Program recruitment and admission practices are non-discriminatory with regard to race, color, gender, age, religion, national origin, disability, marital or veteran status. Pregnancy is not a barrier either to admission or continuance in the program.

**Administrative/Testing Fee:** A \$75 non-refundable fee is required to cover the cost of processing the applicant's file and proctoring/scoring of the admissions examination.

**Transfer Students/Advanced Placement:** Applicants from other accredited radiography programs (hospital or college) will be considered for admission providing the applicant submits a letter stating the reason for the transfer and presents all official academic and clinical transcripts and certified proof of the completed number of academic and clinical hours. The transfer student must also submit documentation required of all applicants.

Since the program is cohort-based and no two radiography programs (hospital or college) offer identical sequencing of courses or clinical training, a transfer student, who is accepted, will either transfer in at the beginning of the first or second year. Acceptance and status assigned will be dependent upon the submitted documentation. In addition, a transfer student may be required to take the admissions exam and possibly a first year assessment exam to further determine his or her acceptance into the program and, if applicable, advanced placement status.

**Grading Policy:** To remain in good academic standing, a student must achieve a minimum didactic course grade of 75%; a minimum laboratory and clinical competency grade of 80%.

**Grading System**

96-100%	A	Excellent understanding of material
90-95%	A-	Very good understanding of material
85-89%	B+	Good understanding of material
80-84%	B	Above avg. understanding of material
75-79%	C	Average understanding of material
Below 75%	F	Failure to grasp material

Graduates must successfully demonstrate the didactic and clinical competency requirements specified by the ARRT and JRCERT which include, but are not limited to, knowledge of radiological procedures, competency in general patient care activities, and exhibit professional and ethical behavior. Each course instructor determines the grading policy and the weight given to examinations and assignments.

**Tuition:** Tuition is \$2500 per trimester (\$7500/yr) and is due on the first day of each trimester (Jan, May, and Sept). Upon acceptance into the program, a non-refundable seat deposit of \$500 is required. The balance of the first trimester's tuition, \$2000, is due the first day of school. Should a student withdraw voluntarily within two weeks of the beginning of a trimester, tuition will be fully refunded for that trimester (except for the non-refundable seat deposit). Should a student withdraw voluntarily within two to four weeks of the beginning of a trimester, half of the tuition will be refunded. Following four weeks of the trimester, no tuition refund will be issued. (**Note:** tuition, deposits, and fees are subject to change without prior notice.) Students are responsible for the cost of the required text books/e-books, uniforms and supplies. Although the program does not provide health insurance, eligible students may apply for the health care plans administered by the hospital.

**Financial Aid:** Bellevue Hospital Center School of Radiologic Technology participates in New York State Higher Education Service Corporation Tuition Assistance Program (TAP), Department of Veterans Affairs Benefits Program including the new GI Bill, New York State Adult Career Continuing Education Services-Vocational Rehabilitation (ACCESS-VR). If at the end of two years there is a tuition overpayment due to receipt of financial aid, the student or payee will receive a refund.

The School of Radiologic Technology subscribes completely to the Higher Education Act as Amended in 1992 and the Family Educational Rights and Privacy Act of 1974.

**Program Policies:** The rights and responsibilities of both student and program are outlined in the following publications and are available for inspection in the school office upon request: Program Policies and Procedures Manual, Clinical Education Handbook, Course Outlines, Course Performance Objectives, and JRCERT Standards for an Accredited Educational Program in Radiologic Sciences. (**Note:** policies and procedures are subject to change without prior notice.)

**Career Opportunities:** The School of Radiologic Technology offers a program of clinical training and education designed to prepare the student for a career as a radiographer. The program completion rate for students who entered in 2010 and graduated in 2012 was 100%. Of the latest 5 year data (2008-2012), the ARRT certification rate for first-time test takers is 100% and the job placement rate for those graduates seeking work within 6 months following graduation is 76%.

While the school does not provide job placement, classes are conducted in resume writing, job search, and interview preparation. Radiographers are employed in hospitals, imaging centers, doctors' offices, HMO's and the military. Once a graduate is certified by the ARRT, s/he is eligible to apply for New York State licensure and is also eligible to be employed in most states. ARRT certification is time-limited to 10 years. Continuing education (CE) is required for both renewal of the ARRT Registration and NYS License.

**Mission Statement:** The mission of Bellevue Hospital Center School of Radiologic Technology is to promote, educate, and train students in the medical imaging profession. Through an effective teaching and learning environment, graduates of the school will be able to support other health care professionals, serve the health care community, and provide quality patient care.

**Additional Information:** For further information on accredited radiography programs, credentialing, and licensure, contact the following agencies. For information concerning criminal convictions (misdemeanor or felony), applicants should contact the ARRT and NYS Dept. of Health.\*

***Accreditation-The Joint Review Committee on Education in Radiologic Technology (JRCERT)***

20 North Wacker Drive, Suite 2850  
Chicago, IL 60606-3182  
Tel. (312) 704-5300  
Web Site: [www.jrcert.org](http://www.jrcert.org)

***Certification-The American Registry of Radiologic Technologists (ARRT)***

1255 Northland Drive  
St. Paul, MN 55120-1155  
Tel. (651) 687-0048  
Web Site: [www.rrt.org](http://www.rrt.org)

\* Candidates with a criminal conviction need to contact the ARRT to request a pre-application review to determine eligibility for ARRT certification.

***Licensure-New York State Department of Health***

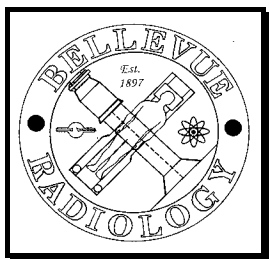
Bureau of Environmental Radiation Protection  
Radiologic Technology  
547 River Street, Room 530  
Troy, NY 12180-2216  
Tel. (518) 402-7580

Web Site: [www.health.state.ny.us](http://www.health.state.ny.us)

\* Candidates with a criminal conviction need to contact the NYS Dept. of Health to determine eligibility for state licensure.

# BELLEVUE HOSPITAL CENTER

## School of Radiologic Technology



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## COURSE DESCRIPTION 2014

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Admissions (rev 3/2013)

### FIRST YEAR CURRICULUM

#### TRIMESTER I (16 Weeks)

**Anatomy and Physiology 1** - An introduction to body systems, homeostasis, cells, tissues, and the skeletal system. *Contact Hours: 30*

**Image Processing** - Discussion of x-ray film characteristics, latent image formation, film artifacts, automatic processing, and darkroom considerations. Includes digital or alternative processing methods. *Contact Hours: 15*

**Introduction to Radiation Protection** - Basic principles for patient and personnel radiation protection are discussed along with shielding requirements, radiologic units of measurement, radiation monitors and dose equivalent limits. *Contact Hours: 15*

**Introduction to Health Care Delivery** - A history of radiography including an overview of health care, the radiology department, and the hospital organizational chart. Professionalism and legal issues are also discussed. *Contact Hours: 15*

**Mathematics** - Solving radiographic technique problems using fractions, decimals, ratios, proportions, exponents, scientific notation, and the basic elements of geometry and algebra. *Contact Hours: 15*

**Medical Terminology 1** - Introduction to word roots, combining forms, suffixes, prefixes, and vocabulary building to include anatomy of the digestive and body systems. *Contact Hours: 30*

**Patient Care 1** - Infection control, surgical asepsis, communication skills, critical thinking, problem solving, fire and safety hazards, body mechanics, and patient assessment are discussed. *Contact Hours: 15*

**Physics 1** - Introduction to energy and matter, fundamental units of measurement, Newtonian laws, atomic and molecular structure, electrostatics, electrodynamics, and electromagnetism. *Contact Hours: 30*

**Principles of Radiographic Exposure 1** - Introduction to the basic terms used in medical imaging and the contributing factors of good radiographic quality and radiographic technique. *Contact Hours: 30*

**Radiographic Positioning 1** - Radiologic procedure and positioning of the thoracic and abdominal cavities and the upper extremity. *Contact Hours: 30*

**Radiographic Positioning Lab 1** - Demonstration and application of radiographic positions presented in Positioning 1, including image receptor and marker placement, and patient safety. *Contact Hours: 30*

**Clinical Contact Hours:** *Observational tours and rotations only, no formal scheduling of students.*

#### TRIMESTER II (16 Weeks)

**Anatomy and Physiology 2** - The musculoskeletal, digestive, urinary, respiratory and circulatory systems are presented. *Contact Hours: 30*

**Image Critique 1** - Evaluation of student and staff radiographs. Image quality factors, patient positioning, radiation protection, and structures demonstrated are discussed with film and digital images. Emphasis is placed on Positioning 1 procedures. *Contact Hours: 15*

**Medical Terminology 2** - A continuation of Medical Terminology 1, exploring and identifying those medical terms applicable to body systems. *Contact Hours: 30*

**Patient Care 2** - Patient assessment, vital signs monitoring, oxygen administration, types of tubes and lines, crash cart equipment, emotional and physical needs of the patient, and interdisciplinary teamwork are discussed. *Contact Hours: 15*

**Pharmacology** - Discussion of different types of contrast agents employed in various radiographic procedures and treatment for adverse reactions. Venipuncture and basic drug administration is included. Compassion for the patient is stressed. *Contact Hours: 15*

**Physics 2** - Electrical circuits, generators, motors, control of high voltage, x-ray circuitry, x-ray unit, and the x-ray tube are presented. *Contact Hours: 30*

**Principles of Radiographic Exposure 2** - Discussion of how x-rays are produced, the x-ray emission spectra, and how x-rays interact in matter. *Contact Hours: 30*

**Radiation Protection** - Design of radiation protection equipment and protective barriers, radiation detectors, and measurement devices are discussed. Emphasis is placed on the reduction of patient and personnel dose while performing conventional and mobile radiography, and C-arm fluoroscopy. *Contact Hours: 15*

**Radiographic Positioning 2** - Radiologic procedure and positioning of the shoulder girdle, lower extremity and the pelvic girdle. *Contact Hours: 15*

**Radiographic Positioning Lab 2** - Demonstration and application of radiographic positions presented in Positioning 2, including image receptor and marker placement, and patient safety. *Contact Hours: 30*

**Clinical Contact Hours:** 224

#### TRIMESTER III (16 Weeks)

**Anatomy and Physiology 3** - The skull and facial bones are presented. *Contact Hours: 15*

**Image Critique 2** - Evaluation of student and staff radiographs. Image quality factors, patient positioning, radiation protection, and structures demonstrated are discussed with film and digital images. Emphasis is placed on Positioning 2 procedures. *Contact Hours: 15*

**Principles of Radiographic Exposure 3** - Controlling scatter radiation, use of intensifying screens and fluoroscopy are discussed. *Contact Hours: 30*

**Quality Assurance** - A workshop discussing the varied quality control facets of a radiology department's quality assurance program. Student teams are assigned various QC projects and oral presentations.  
*Contact Hours: 15*

**Radiographic Positioning 3** - Radiologic procedure and positioning of the bony thorax, vertebral column, and GI contrast procedures.  
*Contact Hours: 30*

**Radiographic Positioning Lab 3** - Demonstration and application of radiographic positions presented in Positioning 3, including image receptor and marker placement, and patient safety.  
*Contact Hours: 30*

*Clinical Contact Hours: 265*

## SECOND YEAR CURRICULUM

### **TRIMESTER IV (16 Weeks)**

**Anatomy and Physiology 4** - The nervous, endocrine, reproductive systems and associated pathology are presented. Introduction to cross-sectional anatomy.  
*Contact Hours: 15*

**Digital Imaging 1** - Introduction to computer science, including hardware, software, and the binary number system. Computed radiography, digital radiography, digital fluoroscopy, viewing the digital image, quality control, and artifacts are discussed.  
*Contact Hours: 15*

**Image Critique 3** - Evaluation of student and staff radiographs. Image quality factors, patient positioning, radiation protection, and structures demonstrated are discussed with film and digital images. Emphasis is placed on Positioning 3 procedures. *Contact Hours: 15*

**Medical/Surgical Diseases 1** - Introduction to the essential nature of pathology, infectious diseases, and bioterrorism. Common etiologies of the gastrointestinal and hepatobiliary systems, neoplastic disorders, and radiographic findings are discussed. Students present written and oral reports.  
*Contact Hours: 15*

**Radiographic Positioning 4** - Radiologic procedure and positioning of the cranium, facial bones, and paranasal sinuses. *Contact Hours: 15*

**Radiographic Positioning Lab 4** - Demonstration and application of radiographic positions presented in Positioning 4, including image receptor and marker placement, and patient safety. *Contact Hours: 30*

**Trauma Radiography** - Introduction to the special needs of the trauma patient when performing mobile radiography including critical thinking skills, preparation, planning, monitoring and flexibility.  
*Contact Hours: 15*

*Clinical Contact Hours: 448*

### **TRIMESTER V (16 Weeks)**

**Digital Imaging 2** - Viewing the digital image, digital quality control and digital image artifacts are discussed. *Contact Hours: 8*

**Image Critique 4** - Evaluation of student and staff radiographs. Image quality factors, patient

positioning, radiation protection, and structures demonstrated are discussed with film and digital images. Emphasis is placed on Positioning 4 procedures. *Contact Hours: 15*

**Imaging Modalities** - Introduction to computed tomography (CT), magnetic resonance imaging (MRI), ultrasound (US) and nuclear medicine.  
*Contact Hours: 7*

**Medical/Surgical Diseases 2** - Common etiologies of the skeletal, urinary, circulatory, and respiratory systems, with emphasis on radiographic findings. Students present written and oral reports.  
*Contact Hours: 15*

**Radiobiology** - Fundamentals of molecular and cellular radiobiology, including early and late effects of radiation on humans. Review of radiation protection, dose equivalent limits, and x-ray equipment radiation protection guidelines. *Contact Hours: 15*

**Radiographic Positioning 5** - Radiologic procedure and positioning for pediatric radiography and mammography and urinary contrast procedures. *Contact Hours: 15*

**Radiographic Positioning Lab 5** - Demonstration and application of radiographic positions presented in Positioning 5, including image receptor and marker placement, and patient safety. *Contact Hours: 15*

**Registry Review** - A comprehensive review of previous courses in preparation for the American Registry of Radiologic Technologists (ARRT) examination. *Contact Hours: 32*

*Clinical Contact Hours: 416*

### **TRIMESTER VI (16 Weeks)**

**Image Critique 5** - Evaluation of student and staff radiographs. Image quality factors, patient positioning, radiation protection, and structures demonstrated are discussed with film and digital images. Emphasis is placed on Positioning 5 procedures. *Contact Hours: 15*

**Interventional Radiography** - Fundamentals of special procedures including specialized equipment, catheterization, angiography, neuroradiography, lymphography, arthrography, sialography, and hysterosalpingography. *Contact Hours: 15*

**Radiographic Positioning Lab 6** - Demonstration, application, and review of radiological procedures presented in trimesters 1 through 5, including image receptor and marker placement, and patient safety. *Contact Hours: 15*

**Registry Review** - A comprehensive review of previous courses in preparation for the ARRT Registry examination. *Contact Hours: 48*

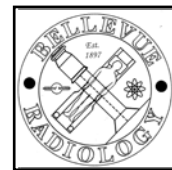
*Clinical Contact Hours: 416*

**General Patient Care Activities Workshop** - Training provided by the NYU Department of Emergency Medicine Training Division. Students must successfully complete competencies in CPR (AHA), vital signs assessment, asepsis technique, venipuncture, patient transfer, and care of medical equipment.  
*Contact Hours: 12*

*(Note: Courses, content, and sequencing are subject to change without prior notice.)*

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Administrative Office D510  
462 First Avenue (at 27<sup>th</sup> St.)  
New York, NY 10016-9198  
Tel: (212) 562-4895



## 2014 FINANCIAL DISCLOSURE/STUDENT EXPENSES

Student expenditures for the program are listed below. Tuition, costs, and fees are subject to change without prior notice. For additional information see **Program Information At-A-Glance** on the reverse side.

EXPENDITURES / FEES:	AMOUNT:	DATE DUE:
Tuition (program length is 6 trimesters or 2 years)	Each trimester \$ 2500.00 Total 2 years \$15,000.00	First day of trimester (Jan, May, Sept)
Required Publisher's Pre-pack (texts/e-books)*, Uniforms, Markers, Thyroid Shield, and Exam Prep Books. etc	Approximate \$ 1500.00	First week of orientation (one-time expense)
NYU Dept. of Emergency Medicine Training Division: General Patient Care Competencies Workshop Fee	\$ 125.00	2 <sup>nd</sup> Trimester
Venipuncture Workshop Fee	\$ 90.00	5 <sup>th</sup> Trimester
Application Fees for Credentials: ARRT Certification Exam	\$ 200.00	5 <sup>th</sup> Trimester
NYS Licensure	\$ 120.00	5 <sup>th</sup> Trimester
Graduation Fee	\$ 100.00	5 <sup>th</sup> Trimester
Professional Student Memberships: American Society of Radiologic Technologists	\$ 30.00	1 <sup>st</sup> Trimester (January)
NYS Society of Radiologic Sciences, Inc.	\$ 30.00	1 <sup>st</sup> Trimester (January)

\*Proof of purchase of the required publisher's pre-pack containing the current book titles and corresponding e-books is required from all incoming students.

**Financial Aid:** New York State Tuition Assistance Program (TAP) grants are available to eligible students. To determine if you are eligible for TAP awards go to: [www.hesc.org](http://www.hesc.org) and select *Applying for Aid*, then *Calculators*, and choose either *TAP Calculator* or *Quick TAP Award Calculator*. The school also participates in Department of Veterans Affairs Benefits and NYS Adult Career Continuing Education Services-Vocational Rehabilitation (ACCES-VR), formerly known as VESID. **The school does not participate in Title IV Funding and, therefore, does not administer student loans of any type nor Pell Grants.**

**Credentials:** Upon successful completion of all program requirements, the graduate will: (1) be eligible to apply for the American Registry of Radiologic Technologists (ARRT) certification examination, **an associate degree (or higher) is required**, and (2) receive a temporary New York State license to practice diagnostic radiography for 180 days.

- **Certification:** Upon successful completion of the ARRT examination, the graduate will be certified as a Registered Radiologic Technologist in the practice of Radiography, RT(R). In order to renew your ARRT Registration, you must complete 24 continuing education (CE) credits every 2 years and be re-certified every 10 years.
- **Licensure:** After successfully passing the ARRT examination, the graduate is eligible to apply for a permanent NYS Radiologic Technologist License. The NYS Department of Health (DOH) also requires radiographers to complete 24 continuing education (CE) credits every 2 years (the DOH will accept the same CE credits recognized by the ARRT) for license renewal.

**Wages:** The most recent New York State Department of Labor statistics indicate a radiologic technologist entering the field earns a mean annual salary of \$49,080 and an experienced worker a mean salary of \$72,490. (For additional information on a career in radiography go to: [www.arrt.org](http://www.arrt.org), [www.asrt.org](http://www.asrt.org), and [www.nycareerzone.org](http://www.nycareerzone.org) and for a list of other radiography programs in New York State go to: [www.health.state.ny.us/nysdoh/radtech/schlist2.htm](http://www.health.state.ny.us/nysdoh/radtech/schlist2.htm)) The total tuition, fees, and other costs are approximately 35% of the entry-level mean annual salary. According to New York State, if the tuition, fees, and costs exceed 200% of the mean annual salary they are considered to be excessive.

*Please look on the reverse side for additional information concerning the program.* Admissions (rev 3/2013)



## 2014 PROGRAM INFORMATION AT-A-GLANCE

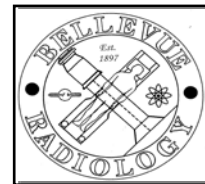
- Program Length:** A full-time two-year radiography program divided into six trimesters. Each trimester is approximately four months in length, beginning in January, May, and September. Program hours are from 8:30 am to 4:30 pm, Monday through Friday.
- Tuition:** Tuition is \$2500.00 per trimester. Since there are three trimesters each year, the yearly cost is \$7500.00 and total cost for the two year program is \$15,000.
- Admission Requirements:** Applicants must possess a minimum of an associate degree (or higher) from an acceptable college or university that is accredited by 1 of the 6 Regional Accrediting Agencies in the United States (see 2014 Academic Prerequisite Information Sheet included in application package). Applicants must submit all requested documentation (see Application Instructions Sheet). Foreign transcripts (whether officially evaluated by a recognized translation service or not) cannot be accepted, regardless of the applicant's level of education. Student selection is based upon: the admissions exam scores; submitted application, high school and college transcripts, and references; maturity and level of interest in radiologic technology as a career choice; work history; and a successful interview with the Admissions Committee (see General Information Brochure for more detailed information on the admissions criteria).
- Ethics/  
Criminal  
Violations** Ethical behavior is an important attribute for individuals seeking a career in health care. Making false statements, honor code or criminal violations may delay or cause ineligibility to sit for American Registry of Radiologic Technologists (ARRT) certification exam, as well as, denial of New York State Licensure. If you are concerned about whether a conviction record will affect your eligibility, contact the American Registry of Radiologic Technologists and NYS Department of Health (see General Information Brochure for contact information) before beginning the program. You may also speak with the program director for more information and guidance.
- Didactic  
Education:** All didactic instruction is held on the school premises. The six trimesters (2 years) of the program consists of 44 didactic courses. Twenty-one courses (48% of the total curriculum) are taught during trimesters 1 and 2 (the first 8 months). This demanding course load requires that most students spend a minimum of 3 to 4 hours of studying each evening, including weekends. The remaining 23 courses are spread throughout remaining trimesters 3 through 6. You need to ask yourself if you are **willing** or **capable** of making this commitment to your educational goals at this time.
- Clinical  
Education:** Currently, all clinical training is conducted on the Bellevue Hospital Center Campus. The clinical education training portion of the program includes rotations through Main Radiology, Ambulatory Care Clinics, mobile radiography, emergency services, interventional procedures, operating room, pediatrics, bone densitometry, computed tomography (CT), and electives in mammography and magnetic resonance imaging (MRI) .
- Processing/  
Testing Fee:** A **\$75.00 non-refundable money-order** to cover processing and testing must be submitted with the completed application.

*Please look on the reverse side for specific information regarding the timetable for student expenses.*

# BELLEVUE HOSPITAL CENTER

## School of Radiologic Technology

Administration Office D510  
462 First Avenue (at 27<sup>th</sup> St.)  
New York, NY 10016-9198  
Tel: (212) 562-4895



### 2014 APPLICATION CHECK LIST

Thank you for your interest in our radiography program. Please read the enclosed information **carefully** and follow the instructions **exactly** when submitting your documentation. All applicants must possess an associate degree or higher. While there is no specific major preference, the degree must be from a college/university that is accredited by one of the six regional accrediting agencies that are recognized in the United States (see Associate Degree Prerequisite Fact Sheet). Because the curriculum is comprehensive and rigorous, good attendance is mandatory. During the first 8 months of the two year program, the average student studies 3 to 4 hours every evening including weekends. You need to ask yourself if you are **willing** or **capable** of making this serious commitment to your educational goals at this time.

In order to process your application and schedule you for the admissions examination, the following steps must be completed. **Use the following as a guide and check off each step as you complete it.**

1. **APPLICATION**: Fill out the application form completely. You may include a resume (optional), but still need to complete the employment section of the application.
2. **PERSONAL ESSAY**: On a separate sheet of paper submit an essay describing your educational objectives and career plans (see back of application form for specific details).
3. **PROCESSING/TESTING FEE**: Include a **\$75.00 money order** with your application, **payable to: Bellevue Hospital Center School of Radiologic Technology**. **No personal checks** – this fee is **non-refundable**.
4. **TESTING DATE**: In order to be scheduled for the admissions examination, mail the **application**, **personal essay**, and **money order** to the above address. You will be mailed an Admissions Letter confirming the date and time of your exam.
5. **TRANSCRIPT(S)**: Have your **high school** and **college(s)** send **official copies** of your transcripts **directly** to our school. You may also provide copies of medical, professional, or technical certificates from any courses or workshops that you have completed. **GED recipients** must submit a copy of their certificate and scores, and the most up-to-date high school transcript(s).
6. **LETTERS of REFERENCE**: Give a blank reference letter form and a pre-addressed, stamped envelope to each of the three (3) individuals you have listed as references on the back of your application. These individuals should know you in an academic, employment, or religious capacity and **should not** be family members or friends (see application and reference letter for further details).

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**ADMISSIONS TESTING**: Admissions testing, interviews, and acceptance into the program are on a **“first-come basis”**, so return the requested documentation (see Step 4 above) as soon as possible. There are a **limited number** of seats for each new class. See notice of revised program start date.

**APPLICATION DEADLINE**: The deadline for submission of the application is based solely on the number of applicants applying to the program. Once there are sufficient applicants to be tested and interviewed, the application process will be closed, consequently, the application process has a **“rolling deadline”**. Applications will not be accepted once the deadline is announced.

**INTERVIEW SCHEDULING**:. In order to be interviewed by the Admissions Committee you must (1) obtain a minimal passing score on the admissions exam and (2) submit **all** requested documents.

**Interviews cannot be granted to applicants whose files are incomplete.**

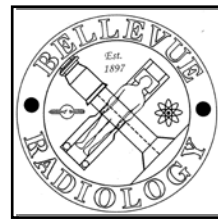
\* If you have any questions, please contact the school at 212-562-4895 between the hours of 9:30 am – 1 pm.

Admissions (rev 4/2013)

# BELLEVUE HOSPITAL CENTER

## School of Radiologic Technology

Administrative Office D510  
462 First Avenue (at 27<sup>th</sup> St.)  
New York, NY 10016-9198  
Tel: (212) 562-4895



### 2014 APPLICATION FORM

**INSTRUCTIONS:** Please type or print legibly. Use black or blue ink. Follow instructions carefully and fill out application completely. Neatness and accuracy count.

**NAME (print):** \_\_\_\_\_, \_\_\_\_\_ MI  
Last First

**CURRENT MAILING ADDRESS:**

Street Address: \_\_\_\_\_  
\_\_\_\_\_ Apt: \_\_\_\_\_

City/State: \_\_\_\_\_ Zip: \_\_\_\_\_

Daytime Contact Number : (\_\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_

Social Security No: \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ US Citizen: Yes  or No

Nonresident Alien:  Resident Alien:  Registration #: \_\_\_\_\_

**EDUCATION:**

Have you previously applied to this program or another radiography program? No  Yes

Which radiography program(s): \_\_\_\_\_

When: \_\_\_\_\_

List all high schools, colleges, and technical schools (including any radiography programs) you have attended beginning with the most recent. Include medical, professional, or training certificates.

Name of Institution	City and State	From mm/yy	To mm/yy	Major	Degree or no. of credits completed

(Complete the reverse side)

**REFERENCE LETTERS:** Please list three (3) individuals who will attest to your academic, personal or professional qualifications (**do not** include family members or friends). **Fill in your name on the blank reference letter** and provide a pre-addressed, stamped envelope to each of these individuals. Have the person mail the letter **directly** to the school. Reference letters delivered by the applicant will only be accepted if in a sealed envelope.

Name of Reference (Include title or profession)	City and State (Include company name if applicable)	How long have you known this person?	In what capacity have you known this person?

**WORK EXPERIENCE:** Please list all prior employment beginning with the **most recent**. Indicate any previous medical experience. You may also attach your resume with this application, but still need to complete this section.

Company (Institution) Name	City and State	From mm/yy	To mm/yy	Position Held

**HEALTH ASSESSMENT:** Have you, within the past three (3) years, experienced any physical, mental or emotional problems that have interrupted your studies, employment or required hospitalization or professional care?

Yes:  No:  If *Yes*, explain and attach on a separate sheet of paper.

**PERSONAL ESSAY:** This essay must be typed or computer generated, doubled spaced, and limited to one page. Please describe your educational objectives, career plans and reasons for applying to our radiography program. Identify your own strengths and weaknesses, problems you have confronted in the past and your method of coping with them. If you feel that your past grades do not truly reflect your academic ability, please explain. Indicate any related medical experience or education. The purpose of this essay is simply to learn more about you and your goals.

I **CERTIFY** that the information provided is complete and accurate to the best of my knowledge. I understand that any misrepresentation or omission may be cause for non-acceptance or dismissal from the program.

\_\_\_\_\_ (Print Name)

\_\_\_\_\_ (Signature)

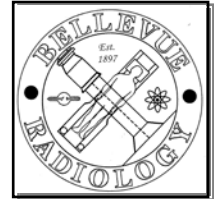
\_\_\_\_\_ (Date)

**BELLEVUE HOSPITAL CENTER**

**School of Radiologic Technology**

Administrative Office D510  
 462 First Ave (at 27<sup>th</sup> St.)  
 New York, NY 10016-9198

Tel: (212) 562-4895



**2014 REFERENCE LETTER**

For: \_\_\_\_\_  
 (Print applicant's name legibly)

The above applicant is applying for admission to the Bellevue Hospital Center School of Radiologic Technology and has supplied your name as a reference. We would appreciate a **candid** evaluation of this person. Your reply will be held in **strict confidence** and **not** released to the applicant and used only internally for the admissions process. By giving you this letter, this person has authorized you to provide the following information. Please mail the completed form **directly** to the school at the above address. Reference letters delivered by the applicant **will not** be accepted. **Note:** *family members* and *friends* are not acceptable as references.

Your Name: \_\_\_\_\_  
 (Print legibly) (Your title)

\_\_\_\_\_  
 (Company/Organization Name) (Street Address, City, State)

How many months or years have you known the applicant \_\_\_\_\_ and in what capacity did you serve (employer, supervisor, teacher, minister, physician, etc.)? \_\_\_\_\_

Indicate the applicant=s relationship (employee, student, member, volunteer, etc). Briefly describe the applicant=s responsibilities at that time. (Use the reverse side if necessary)

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

How well do you know the applicant (check the appropriate box)?

**Slightly:**  **Moderately well:**  **Extremely well:**

Check the box which best describes the applicant=s character, ability, and performance. Please indicate if you are unable to evaluate a particular attribute of the applicant.

Applicant=s Attributes	Excellent	Above Average	Average	Below Average	Unable to Evaluate
Intellectual potential					
Ability to analyze/problem solve					
Communication skills: oral					
Communication skills: written					
Attendance/punctuality					
Accepting responsibility/accountability					
Motivation					
Ability to work with others					
Maturity/emotional stability					

Your Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Please include your phone number in the event we need to confirm information. \_\_\_\_\_

*(Please use the reverse side of this form to make additional comments.)*





Sample Questions for the PSB Health Occupations Aptitude Examination

Academic Aptitude








Directions: Academic Aptitude measures how well you think and learn. The following samples demonstrate the types of questions you will be expected to answer in this part of the exam.

Sample A. a. Bad b. Evil c. Wicked d. Good e. Naughty  
In the above set of words, which is most different in meaning from the other words?

Good is the correct answer. The word Good should be the chosen answer for sample question A.

























Sample B. You have \$10 and give \$3 to your mother. How much do you have remaining? a. \$1 b. \$2 c. \$4 d. \$5 e. \$7

Ten dollars minus three dollars is seven dollars, so \$7 should be chosen as the answer for sample question B.

Sample C.  is to  as  is to ? a.  b.  c.  d. o e. 

A large circle is to a smaller circle as a large square is to a smaller square. The small square should be chosen as the answer for sample question C. This is the way you mark all of your answers for the questions that follow.

\*\*Remember that in the sets of words that follow in this part always select the word that is most different in meaning.\*\*

- a. vital b. wither c. fade d. vanish e. insipid
- Five health professionals earned the following scores on an anatomy test: 65, 82, 77, 89, 72. What is the average score? a. 81 b. 78 c. 77 d. 72 e. 69
-  is to  as  is to? a.  b.  c.  d.  e. 
- a. wane b. dwindle c. amplify d. ebb e. fade
- A 72-inch roll of bandage at \$1.08 per yard would cost? a. \$1.08 b. \$1.96 c. \$2.16 d. \$2.96 e. \$3.24
-  is to  as  is to? a.  b.  c.  d.  e. 
- a. hasty b. serene c. placid d. still e. calm
- The first minute of a telephone call cost 24 cents and each additional minute 13 cents. What is the cost of a five minute call? a. \$1.20 b. \$1.12 c. \$0.96 d. \$0.76 e. \$0.63
-  is to  as  is to? a.  b.  c.  d.  e. 

Spelling

Directions: Spelling measures how well you can spell and what you know about the various rules of grammar as they are reflected in the spelling of certain words. Each line below contains a word with three different spellings. Select the word from each line that is spelled correctly.

Sample A. a. acheive b. achieve c. achive

The answer with the correct spelling is achieve.

- |                   |                |                |                |             |              |
|-------------------|----------------|----------------|----------------|-------------|--------------|
| 1. a. emergancy   | b. emergancie  | c. emergency   | 6. a. caffene  | b. caffine  | c. caffeine  |
| 2. a. infectious  | b. enfecteous  | c. infectious  | 7. a. ageing   | b. aging    | c. agging    |
| 3. a. deoderizing | b. deodorizing | c. deoderizing | 8. a. erroneus | b. eroneous | c. eronious  |
| 4. a. densitty    | b. densite     | c. density     | 9. a. vitamine | b. vitimine | c. vitamin   |
| 5. a. detergents  | b. detergants  | c. detergantes | 10. a. paralis | b. paralyis | c. paralizis |

Reading Comprehension

Directions: Reading Comprehension is a test of your ability to understand what you read. It is a measure of some of the skills and abilities you have been developing ever since you entered school. You will be asked to answer questions based on the material contained in written passages. Begin by reading each passage carefully. Each of the questions is followed by four suggested answers. You are to decide which one of these answers you should choose based upon the material in the passage. Answer the question about one passage before going on to the next. You may look back at the passage while you answer the questions. Work carefully but rapidly.

Sample A: There are 4 passages and 50 sets of questions.

In the sample passage above it states that the number of sets of questions is a. 50 b. 30 c. 25 d. 20  
The correct answer is 50.

A few years ago, although no one knew it, the gases in spray cans were harming the ozone layer. The ozone layer is a part of the atmosphere, a thick blanket of air that covers the world. The atmosphere is made up of many gases, especially nitrogen and oxygen. Close to the earth, the atmosphere is thick and heavy, but as it gets farther away from the earth, the atmosphere gets thin. There, the energy from the sun changes the way gases behave. For example, oxygen atoms usually travel in the air connected together in pairs, but high in the atmosphere, the sun's energy causes three oxygen atoms to connect together instead of two. These groups of three oxygen atoms are called ozone. The place high in the air where regular oxygen changes to the ozone is called the ozone layer. The ozone layer is very important to life on earth. It soaks up dangerous rays from the sun that harm plants and animals. Even more important, the ozone layer helps keep the earth cool. Without it, the earth might become so hot that the ice caps would melt and flood much of the earth. Fortunately, safe gases are now used in spray cans, but some of the ozone layer has been destroyed.

1. High in the sky the atmosphere is
  - a. thick b. heavy c. unchanged d. thin
2. High in the atmosphere regular oxygen changes to
  - a. solar rays b. oxygen rays c. ozone d. nitrogen
3. Without the ozone layer the earth would become
  - a. cold b. hot c. dark d. frozen
4. The ozone layer serves to screen dangerous rays from
  - a. oxygen atoms b. spray cans c. the sun d. the gases
5. The paragraph is chiefly concerned with the importance of the
  - a. sun rays b. spray cans c. ice caps d. ozone layer

#### Information in the Natural Sciences

Directions: This section is concerned with measuring your accumulated knowledge of information in the area of the natural sciences. Below is a sample exercise to show you how to do this part of the examination.

Sample A. Discoveries in the operation of the force of gravity were made by a. Lamarck b. Fields c. Wells d. Newton e. Bonet  
The correct answer is Newton.

1. The lower jaw in vertebrates is known as the
  - a. mandible b. hyoid c. pelvis d. coccyx e. ulna
2. In old age bones may become
  - a. porous b. flexible c. ductile d. pliable e. supple
3. About one quart, 0.908 dry quart, is equivalent to one
  - a. gram b. kilogram c. milligram d. calorie e. liter
4. Normal body temperature, expressed in degrees centigrade is
  - a. 212 b. 120 c. 98.6 d. 37 e. 22.8
5. The PH of a neutral solution is
  - a. 0 b. 1 c. 5 d. 7 e. 10
6. An individual who played a large role in smallpox vaccination was
  - a. Lister b. Jenner c. Salk d. Pasteur e. Dubos
7. The nutrient that yields the most energy per ounce is
  - a. fat b. protein c. starch d. sugar e. water
8. Of the following, the scientist who was a Nobel Prize winner was
  - a. Darwin b. DeVries c. Mendel d. Muller e. Galen
9. The approximate percent of nitrogen in the earth's atmosphere is
  - a. 78 b. 68 c. 58 d. 48 e. 38
10. An example of a good insulator of electricity would be
  - a. copper b. iron c. wood d. bronze e. tin
11. A type of mechanical wave motion in an elastic medium is
  - a. light b. radar c. heat d. x-rays e. sound
12. The type of radiation (sunlight) which tans or burns human skin is called
  - a. x-ray b. infra-red c. microwave d. isotopes e. ultraviolet

#### Vocational Adjustment Index

Directions: In this part there are statements that concern how you feel about yourself and certain situations in relation to a potential work environment. This part is not really a test. It is an inventory of feelings, attitudes, and opinions designed to assist in placing you in a work situation where you will find satisfaction and happiness. There are no right or wrong answers - some feel one way, others feel another way. Agreement or disagreement with the statements that follow simply indicates what you usually think, how you usually feel, or what you usually do about things. Mark accordingly as you agree or disagree with the statement. Choose the answer that is really true for you, and answer immediately. WORK RAPIDLY.

1. A definite choice of vocations is important.
2. Helping the aged and the sick would be a source of satisfaction.
3. Many young people spend too much time studying.
4. It is difficult to work with strangers.
5. Teachers are often unfair in awarding grades.
6. Working alone rather than with others is preferable.
7. Many people deliberately try to embarrass you.
8. Those in positions of authority too often abuse their employees.
9. Stressful situations leave one weak and exhausted.
10. An ideal job would be one where continuous learning was expected.



**Instructions:** It is suggested that you first take the sample PSB quiz and then compare your choices to the answer key below. This will allow you to assess those areas in which you may need to review. Each part of this exam has a time limit of 15 mins., 30 mins., or 45 mins., so accuracy and expediency are required.

## 2014 Sample Questions Answers for PSB Health Occupations Aptitude Examination

<u>Question</u>	<u>Part 1</u>	<u>Part 2</u>	<u>Part 3</u>	<u>Part 4</u>	<u>Part 5</u>
1	a	c	d	a	a
2	c	a	c	a	a
3	e	b	b	e	d
4	c	c	c	d	d
5	c	a	d	d	d
6	c	c		b	d
7	a	b		a	d
8	d	a		d	d
9	a	c		a	d
10		b		c	a
11				e	
12				e	

The use of psychological testing in the selection process for this career education program is intended to be constructive and beneficial to both the applicant and the institution to which admission is sought.

Tests are designed to assist in selecting and placing people in situations where assets are maximized. The results obtained from psychological tests may be used as a tool or device to help determine unique individual potential. Acceptance and positive utilization of this information can lead to a happy, productive, and satisfying training and, subsequent, work experience. If a program of study for which one may be reasonably well suited does not make full use of unique qualities and proficiencies, those abilities and talents will not be properly, fully or satisfactorily developed. An individual's education, training and experience may not be congruent with that required by a specific program, but found quite harmonious with many other education programs or vocations.

### General Tips:

1. The lack of adequate rest the night before will affect test-taking efficiency.
2. Relax, too much worry and anxiety is neither necessary nor helpful.
3. Mobilize your self-confidence; be positive, your attitude is important!
4. Take care of any personal needs before the testing begins.
5. Report illness, excessive fatigue, or other conditions that would be a hindrance, to the test administrator prior to beginning the test.

### Specific Tips:

1. Listen carefully to the oral directions that are given to you.
2. Read the General Instructions carefully and follow them exactly.
3. Instructions for each part of the examination must be read and interpreted within given time limits.
4. The directions are simple and should be read quickly but be sure you understand how to proceed within the particular section.
5. Plan for maximum use of the time allotted for each part of the examination.
6. Read the questions carefully. Work rapidly, answer as many questions as possible.
7. Do not waste time puzzling over a difficult question. While the test questions are arranged in approximate order of difficulty, some earlier questions may be more difficult for you than later ones.
8. When you have finished the easier questions, if there is time left, go back to any question you may have skipped in that part of the examination.
9. Indiscriminate guessing does not pay off. An educated, reasoned guess may be worthwhile, however, random guessing is not recommended.
10. If you change an answer to a question, be sure the change is justified.
11. Each correct answer receives one point. Incorrect or blank answers do not receive any points.



Understanding Your Test Record and Profile Chart for the

## PSB-Health Occupations Aptitude Examination

This data sheet has been prepared to help you understand the meaning of the scores you earned on the PSB-Health Occupations Aptitude Examination as reported on your Test Record and Profile Chart. Immediately beneath the lines containing your name, the name of the school, and the test date, you will find the following:

Percentile Scores	Academic Aptitude V, A, NV, Total	Spelling	Reading Comprehension	Natural Sciences	Vocational Adjustment
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The **PSB-Health Occupations Aptitude Examination** is comprised of five tests and three subtests. These tests and subtests are as follows:

### Academic Aptitude-Part I

Verbal - V

Arithmetic - A

Nonverbal - NV

### Spelling-Part II

### Reading Comprehension-Part III

### Information in the Natural Sciences-Part IV

### Vocational Adjustment Index-Part V

An explanation of what is measured by each of these tests and subtests is included.

The Academic Aptitude Total consists of the scores earned on each of the subtests combined into a separate distribution of the three combined scores. Your percentile rank on the Academic Aptitude test is established from this separate distribution of raw scores. It is statistically unsound to average percentile ranks.

Your testing results are reported in two ways, as raw scores and as percentile ranks. Each raw score represents the number of questions answered correctly in one particular part of the examination. For example, if the test Spelling-Part II consists of 60 test questions and you respond correctly to 40 of these test questions, your raw score is 40.

To be meaningful, the raw score is translated into a percentile rank. Percentile rank comes from the concept of percent. The percentile rank is used to describe the relative standing of an individual with respect to other individuals. If you, for example, earned a raw score on the PSB-Health Occupations Aptitude Examination's Academic Aptitude Total test that translated into a percentile rank of 60, it would indicate that your score is better than the scores of 60 percent of persons in a specific comparison group, but not as good as that of 40 percent of persons in that specific comparison group. In the case of the PSB-Health Occupations Aptitude Examination, the specific comparison group is that of individuals who have applied for admission to the same type of allied health profession's education program as you are applying to, for example, radiography, respiratory therapy assistant, paramedic, etc.

The lines on your Test Record and Profile Chart provide a graphic record of the scores (percentile ranks) you earned on each of the five tests and three subtests. You will also find verbal ratings, ranging from "very low" to "superior" in the left margin of the Test Record and Profile Chart.



You can find your verbal rating category for each of the five tests plus the three subtests by looking to the left from the apex of each of the eight connecting lines on your profile chart.

In assessing your performance on the PSB-Health Occupations Aptitude Examination, you will need to consider your results from each and all of the five tests and three subtests. These results will reflect your strengths and weaknesses as measured by the examination and as compared with other applicants for admission to your chosen allied health profession's education program.

Acceptance to or rejection from a health profession program is based upon many factors. Test results are only one of these factors. If, however, you meet all other criteria and have good test results, you can have confidence that you possess the potential for satisfactorily completing the preparation program . . . provided you have the interest, motivation, and willingness to work hard. If your scores were low or marginal on the PSB-Health Occupations Aptitude Examination, you are not as likely to be able to handle the academic work and study required to successfully complete an arduous health profession program. While the immediate failure to realize your goal is disappointing, it is not the end of satisfying and rewarding opportunities for you. There are, most assuredly, many other kinds of training for which you are better suited. The testing is in your best interests as it will enhance your understanding of your abilities and aid in bringing to your attention areas of strength and areas of needed improvement.

## **PSB-Health Occupations Aptitude Examination**

### **Academic Aptitude-Part I**

#### Verbal Subtest

The verbal aspect consists of vocabulary-related test questions. Empirical evidence has shown this type of test item to be highly related to academic success.

#### Arithmetic Subtest

The numerical aspect consists of items drawing largely from arithmetic. To some degree, it involves skill with arithmetical concepts along with computational speed. The content of the numerical items is that to which practically all eighth grade students have been exposed.

#### Nonverbal Subtest

The nonverbal aspect consists of test items calling for comprehension of form relationships. The measurement is in terms of the ability to manipulate shapes mentally, to reason out differences in pictured objects, and to deal with concrete materials through visualization. Recognition of relationships and of differences between shapes has been shown by research to be basic to learning aptitude.

#### Academic Aptitude Total

The Academic Aptitude test, as measured by the Total, might be thought of as the ability to learn. The test content is specifically adapted for appraising the combination of native and acquired abilities that are needed for work of an academic nature. The Academic Aptitude test emphasizes familiar experiences and concepts while requiring careful reasoning and ability to comprehend and draw conclusions.

### **Spelling-Part II**

The Spelling test measures skill with a tool essential to written expression or communication. To some extent the test also reflects the background of educational achievement in at least one of the basic tools of learning.



### **Reading Comprehension-Part III**

The Reading Comprehension test measures ability to understand direct statements, to interpret passages, to grasp the intent of the authors, to observe organization of ideas, and to extract information from passages with respect to ideas and purposes . . . to read and to understand what is read.

### **Information in the Natural Sciences-Part IV**

Measurement with this test concerns accumulation of information in the natural sciences, e.g., biology, chemistry, health and safety, etc., at an elementary level. The relationship of knowledge in the area of the natural sciences to the course of study of the student in the allied health professions is an obvious one.

### **Vocational Adjustment Index-Part V**

An individual's characteristic life style is reflected in his or her educational and occupational adjustment. Feelings, attitudes, personality characteristics, and behavioral traits, which may be quite acceptable in many situations, may not be those desirable for the prospective allied health professional as a student and as a practitioner.