2014

Health Care Careers

A caring profession . . .
A rewarding career

Make a difference in people's lives with a career in the health care industry.

This project was funded by the

Central and Northeast Regional Health Care Industry Partnerships

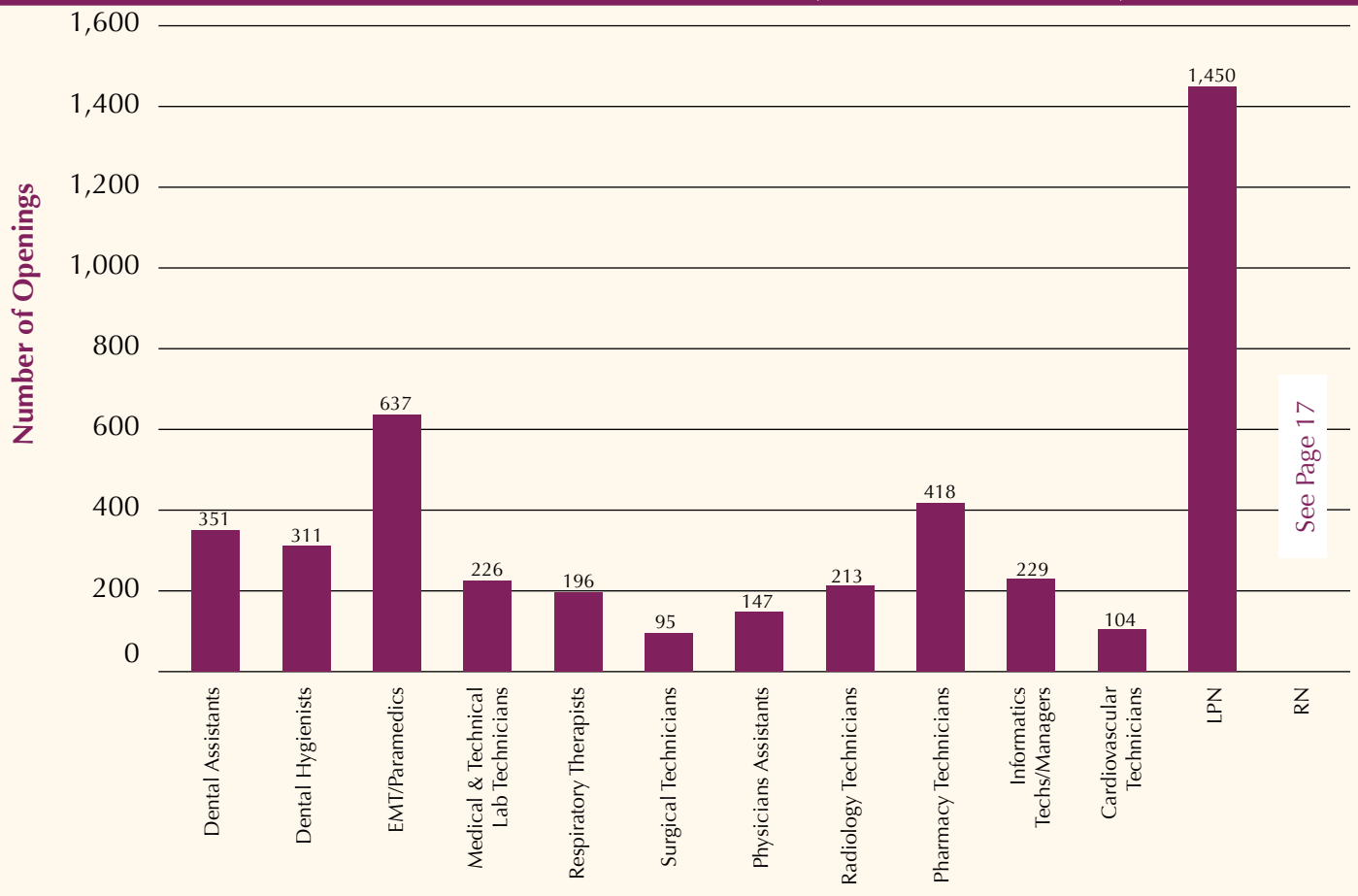
Serving Bradford, Carbon, Centre, Clinton, Columbia, Lackawanna, Luzerne, Lycoming, Mifflin, Monroe, Montour, Northumberland, Pike, Schuylkill, Snyder, Sullivan, Susquehanna, Tioga, Union, Wayne, and Wyoming counties.

What's Hot in Health Care?

Now more than ever, health care professionals are in demand. There are many paths to reach these careers. Dental assistant, dental hygienist, physician assistant, surgical technician, and pharmacy technician occupations show high demand in the coming years.

Do you like helping others? Are you comfortable with science and math? If so, you may be perfect for a career in health care! Check out thirteen occupations projected to grow in Pennsylvania!

Projected Annual Healthcare Demand (2010-2020)



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Health Care Professions
PA STEM (Science, Technology, Engineering & Mathematics) Occupational Analysis

Dental Assistant

What will I do?

Dental assistants help dentists during appointments and surgical procedures. They take x-rays, set-up equipment, go over post-operation instruction, and occasionally take care of administrative work like managing files and scheduling appointments.

Dental assistants must be reliable, work well with others, and have good manual dexterity.

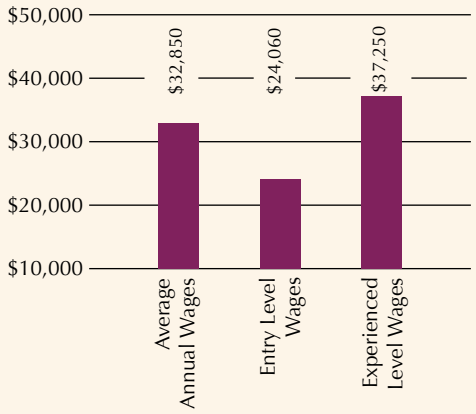
What is the job outlook?

Employment is expected to grow 36 percent from 2008 to 2018, *which is much faster than the average* for all occupations. In fact, dental assistants are expected to be among the fastest growing occupations over the 2008–18 projection period.

What training do I need?

To become a dental assistant, you must go through a dental assistant diploma program or receive on-the-job training. Either of these would prepare a dental assistant to work in the operatory or treatment rooms, do various administrative work, and clerical procedures such as managing files and records and scheduling appointments.

What will I get paid?



SOURCE:
www.paworkstats.state.pa.us (2012 data)

Resources

ADAA - American Dental Assistants Association
www.dentalassistant.org

ADA - American Dental Association
www.ada.org

DANB - Dental Assisting National Board, Inc.
www.danb.org

NADA - National Association of Dental Assistants
(703) 237-8616

Where can I get the training?

Central Pennsylvania Institute of Science & Technology

Fortis Institute - Scranton

Greater Southern Tier BOCES

Luzerne County Community College

Penn Foster Career School

SUN Area Technical Institute

FUN Fact
More than 51 million hours of school are lost each year by children due to dental related illness.

What programs do these schools offer?

CERTIFICATE
- Central Pennsylvania Institute of Science & Technology
- Greater Southern Tier BOCES
- Luzerne County Community College

DENTAL ASSISTANT DIPLOMA
- Fortis Institute - Scranton
- Penn Foster Career School
- SUN Area Technical Institute

EXPANDED DENTAL ASSISTANT DIPLOMA
- Fortis Institute - Scranton
- Luzerne County Community College

ASSOCIATE OF APPLIED SCIENCE
- Luzerne County Community College

Dental Hygienist

What will I do?

Dental hygienists clean teeth, take and develop x-rays, make impressions, bleach teeth, and examine patients' teeth and gums to record any abnormalities. They teach patients how to practice good oral hygiene, provide other preventive dental care and apply cavity-preventive agents such as fluorides and pit and fissure sealants.

Dental hygienists need to be thorough and cooperative.

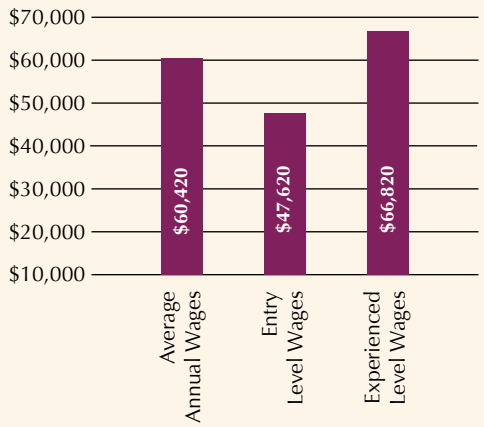
What is the job outlook?

Employment of dental hygienists is expect- ed to grow 36 percent through 2018, *which is much faster than the average* for all occupations. This projected growth ranks dental hygienists among the fastest growing occu- pations, in response to increasing demand for dental care and more use of hygienists.

FUN Fact

The average toothbrush contains about 25,000 bristles grouped into about 40 tufts per toothbrush.

What will I get paid?



SOURCE:
www.paworkstats.state.pa.us (2012 data)

What training do I need?

A dental hygienist can receive training by completing an associates degree. A bachelor's degree would allow a dental hygienist to teach, and those with master's degrees usually go into research.

Resources

ADA - American Dental Association
www.ada.org
ADHA - American Dental Hygienists' Association
www.adha.org
Pennsylvania Dental Hygienists' Association
www.pdhaonline.org

Where can I get the training?

Broome Community College

Fortis Institute - Scranton

Luzerne County Community College

Northampton Community College - Monroe Campus

Pennsylvania College of Technology

What programs do these schools offer?

DIPLOMA
- Fortis Institute - Scranton

ASSOCIATE OF APPLIED SCIENCE
- Broome Community College
- Luzerne County Community College
- Northampton Community College - Monroe Campus
- Pennsylvania College of Technology

BACHELOR OF SCIENCE
- Pennsylvania College of Technology

Dental Assistant vs. Dental Hygienist

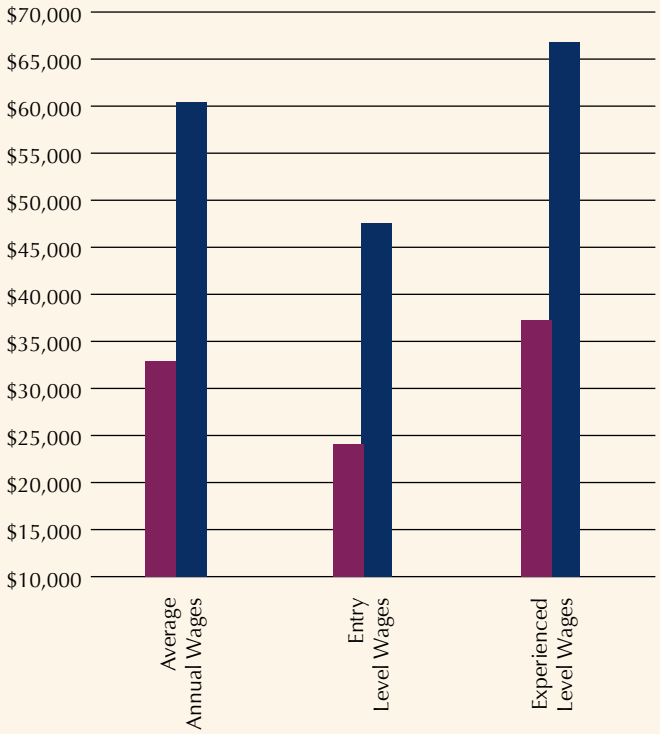
DENTAL ASSISTANT

- Work closely with patients before, during and after procedures
- Assist dentist during treatments
- Take and develop x-rays
- Prepare and sterilize instruments and equipment
- Take impressions of teeth for study casts
- Teach patients oral hygiene strategies
- Perform office management

DENTAL HYGIENIST

- Collect information about patient's oral and medical health history
- Remove calculus, stains and plaque
- Make molds of teeth for evaluating
- Chart patient's dental conditions for the dentist
- Apply fluoride and decay preventatives
- Administer local anesthetics
- Remove sutures and dressings

Wage Comparison - Dental Assistant vs. Dental Hygienist



Entry Level Wages

Dental Assistant	$24,060
Dental Hygienist	$47,620

Average Annual Wages

Dental Assistant	$32,850
Dental Hygienist	$60,420

Experienced Level Wages

Dental Assistant	$37,250
Dental Hygienist	$66,820

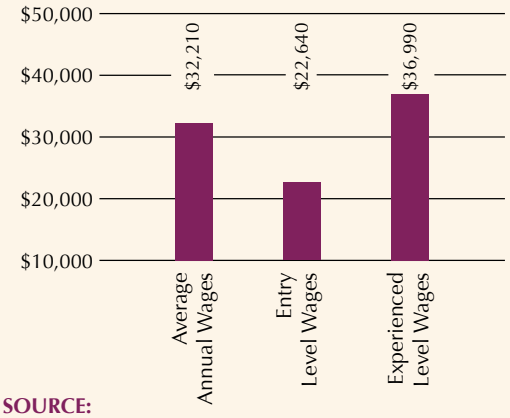
SOURCE:
http://www.paworkstats.state.pa.us

EMT/Paramedic

What will I do?

Paramedics are typically dispatched by a 911 operator to the scene of an accident, where they often work with police and fire fighters. Once they arrive, emergency medical technicians and paramedics assess the nature of the patient's condition while trying to determine whether the patient has any pre-existing medical conditions. Following medical protocols and guidelines, they provide appropriate emergency care and, when necessary, transport the patient to a medical facility.

What will I get paid?



SOURCE:
www.paworkstats.state.pa.us (2012 data)

What is the job outlook?

Employment of emergency medical technicians and paramedics is expected to grow 9 percent between 2008 and 2018, which is close to the average for all occupations.

Some paramedics are trained to treat patients with minor injuries on the scene of an accident or they may treat them at their home without transporting them to a medical facility.

What training do I need?

To become a paramedic you need to complete a certification program or receive your associate degree in emergency medical services. These programs provide instruction in emergency procedures and communication skills. Field experience is extremely important in training for this profession.

Resources

EMSI - Emergency Medical Services Institute
www.emsi.org

NAMT - Nat'l Association of Emergency Medical Technicians
www.naemt.org

NREMT - National Registry of Emergency Medical Technicians
www.nremt.org

Where can I get the training?

Broome Community College

Lackawanna College - Scranton

Luzerne County Community College

Pennsylvania College of Technology

FUN Fact
In 1865, America's first ambulance service was instituted by the U.S. Army.

What programs do these schools offer?

CERTIFICATION
- Luzerne County Community College

DIPLOMA
- Lackawanna College - Scranton

ASSOCIATE OF APPLIED SCIENCE
- Broome Community College
- Lackawanna College - Scranton
- Luzerne County Community College
- Pennsylvania College of Technology

Medical Lab Technician

What will I do?

A medical lab technician conducts chemical analyses of body fluids using a microscope or automatic analyzer to detect abnormalities or diseases.

Medical lab technicians need to be able to pay close attention to detail.

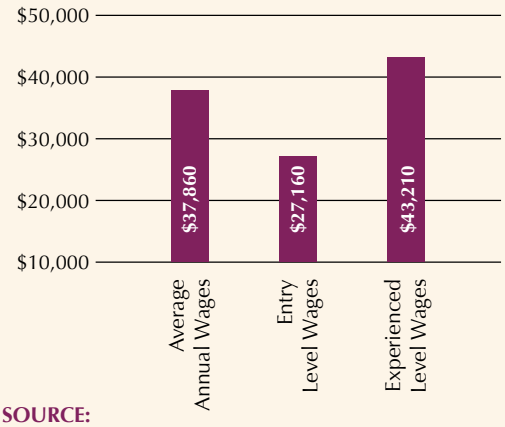
What is the job outlook?

Employment of medical laboratory workers is expected to grow by 14 percent between 2008 and 2018, *faster than the average* for all occupations. The volume of laboratory tests continues to increase with both population growth and the development of new types of tests.

What training do I need?

Medical laboratory technologists usually have a bachelor degree with a major in medical technology or in one of the life sciences; medical laboratory technicians generally need either an associate degree or a certificate.

What will I get paid?



SOURCE:
www.paworkstats.state.pa.us (2012 data)

Resources

NAACLS - National Accrediting Agency For Clinical Laboratory Sciences
www.naacls.org
AMT - American Medical Technologists
www.amt1.org
ASCLS - American Society for Clinical Laboratory Sciences
www.asclt.org
CLMA - Clinical Laboratory Management Association
www.clma.org

Where can I get the training?

Broome Community College
East Stroudsburg University
Keystone College
King's College
Marywood University
McCann School of Business & Technology - Hazleton
Misericordia University
Penn State - Hazleton
University of Scranton
Wilkes University

FUN Fact
Considering all the tissues and cells in your body, 25 million new cells are being produced each second. That's a little less than the population of Canada!

What programs do these schools offer?

DIPLOMA
- McCann School of Business & Technology - Hazleton

ASSOCIATE OF APPLIED SCIENCE
- Broome Community College
- Keystone College
- McCann School of Business & Technology - Hazleton
- Penn State - Hazleton

BACHELOR OF SCIENCE
- East Stroudsburg University
- King's College
- Marywood University
- Misericordia University
- University of Scranton
- Wilkes University

Respiratory Therapist

What will I do?

Respiratory therapists deliver therapeutic treatments to patients who have trouble breathing or other cardiopulmonary disorders. They are responsible for evaluating their patients, which includes performing diagnostic tests and conducting physical examinations. They work under a physician's supervision.

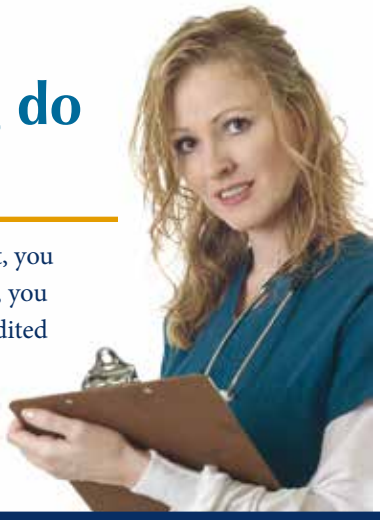
Respiratory therapists must be able to pay attention to detail, work on a team, and follow instructions.

What is the job outlook?

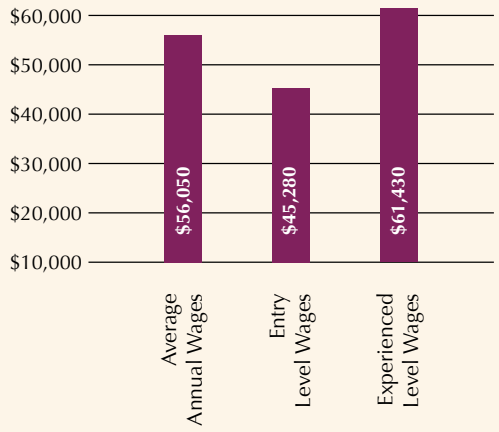
Employment of respiratory therapists is expected to grow by 21 percent from 2008 to 2018, *much faster than the average* for all occupations.

What training do I need?

To become a respiratory therapist, you must be licensed. To get a license, you need to be a graduate of an accredited respiratory therapy program and pass the Certified Respiratory Therapist Exam.



What will I get paid?



SOURCE:
www.paworkstats.state.pa.us (2012 data)

Resources

AARC - American Association for Respiratory Care
www.aarc.org

NBRC - National Board for Respiratory Care
www.nbrc.org

PSRC - Pennsylvania Society for Respiratory Care
www.psrc.org

FUN Fact
The surface area of the lungs is roughly the same size as a tennis court.

Where can I get the training?

Keystone College

Luzerne County Community College

Mansfield University

McCann School of Business & Technology - Sunbury

What programs do these schools offer?

DIPLOMA
- McCann School of Business & Technology - Sunbury

ASSOCIATE OF APPLIED SCIENCE
- Keystone College
- Luzerne County Community College
- Mansfield University

Surgical Technician

What will I do?

Surgical technicians, also known as scrubs, operating room technicians, or surgical technologists, assist registered nurses and physicians in surgery. Before an operation, they set up the tools, equipment, and make sure that sterilization standards are met. They also prepare the patient by washing, shaving, and disinfecting the incision site. Positioning and transporting the patient as well as covering them with sterile drapes, the surgical technician checks vital signs and passes instruments and sterile supplies to the surgical team.

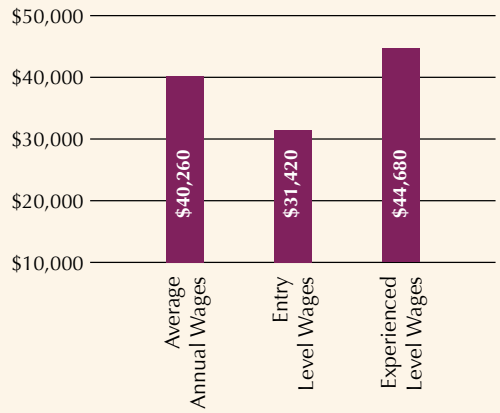
What is the job outlook?

Employment of surgical technologists is expected to grow 25 percent between 2008 and 2018, *much faster than the average* for all occupations, as the volume of surgeries increases.

What training do I need?

Surgical technologists receive their training in formal programs offered by community and junior colleges, technical schools, universities, hospitals, and the military. In 2008, the Commission on Accreditation of Allied Health Education Programs (CAAHEP) recognized more than 450 accredited training programs. Programs last from 9 to 24 months and lead to a certificate, diploma, or associate's degree. High school graduation normally is required for admission. Recommended high school courses include health, biology, chemistry, and mathematics.

What will I get paid?



SOURCE:
www.paworkstats.state.pa.us (2012 data)

Resources

ARC/STSA - Accreditation Review Council on Education in Surgical Technology and Surgical Assisting
www.arcstsa.org

AST - Association of Surgical Technologists
www.ast.org

NBSTSA - National Board of Surgical Technology and Surgical Assisting
www.nbstsa.org

FUN Fact
The role of the Surgical Technologist began on the battlefields in World War I and World War II when the Army used "Medics" to work under the direct supervision of the Surgeon.

Where can I get the training?

Lackawanna College - Towanda

Luzerne County Community College

McCann School of Business & Technology - Hazleton and Sunbury

Northampton Community College

Pennsylvania College of Technology

What programs do these schools offer?

ASSOCIATE DEGREE
- Lackawanna College - Towanda
- McCann School of Business & Technology - Hazleton and Sunbury
- Northampton Community College
- Pennsylvania College of Technology

ASSOCIATE OF APPLIED SCIENCE
- Luzerne County Community College

Radiology Technician

What will I do?

Radiologic technologists and technicians perform diagnostic imaging examinations like x-rays, computed tomography, magnetic resonance imaging, and mammography. To prevent unnecessary exposure to radiation, these workers surround the exposed area with radiation protection devices, such as lead shields, or limit the size of the x-ray beam. Radiographers position radiographic equipment at the correct angle and height over the appropriate area of a patient's body. Using instruments similar to a measuring tape they may measure the thickness of the section to be radiographed and set controls on the x-ray machine to produce radiographs of the appropriate density, detail, and contrast.

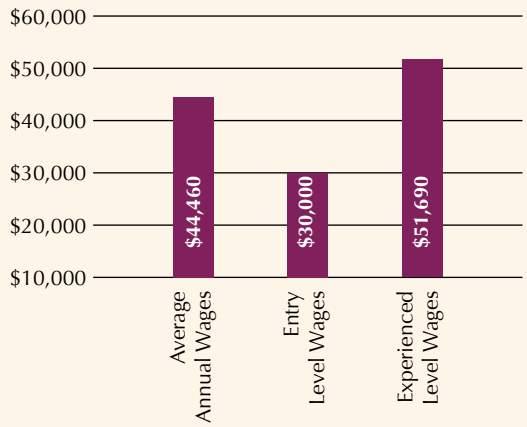
What is the job outlook?

Employment of radiologic technologists is expected to increase by about 17 percent from 2008 to 2018, *faster than the average* for all occupations.

What training do I need?

Formal training programs in radiography lead to a certificate, an associate degree, or a bachelor's degree. An associate degree is the most prevalent form of educational attainment among radiologic technologists and technicians. Some may receive a certificate. Certificate programs typically last around 21-24 months.

What will I get paid?



SOURCE:
www.paworkstats.state.pa.us (2012 data)

Resources

ARRT American Registry of Radiologic Technologists
www.arrt.org

ASRT American Society of Radiologic Technologists
www.asrt.org

JRCERT Joint Review Committee on Education in Radiologic Technology
www.jrcert.org

FUN Fact
Dr. Roentgen refused to patent any of the apparatus associated with the production of x-rays believing that this new discovery should be used for "the good of man."

Where can I get the training?

Arnot-Ogden Medical Center
Broome County Community College
Geisinger Medical Center
Johnson College
Mansfield University
Pennsylvania College of Technology
Penn State - Schuylkill

What programs do these schools offer?

ASSOCIATE DEGREE

- Arnot-Ogden Medical Center
- Broome County Community College
- Geisinger Medical Center
- Johnson College
- Mansfield University
- Pennsylvania College of Technology
- Penn State - Schuylkill

Health Information Technician

What will I do?

Medical records and health information technicians assemble patients' health information including medical history, symptoms, examination results, diagnostic tests, treatment methods, and all other healthcare provider services. Technicians organize and manage health information data by ensuring its quality, accuracy, accessibility, and security. They regularly communicate with physicians and other healthcare professionals to clarify diagnoses or to obtain additional information.

The increasing use of electronic health records (EHR) will continue to broaden and alter the job responsibilities of health information technicians. For example, with the use of EHRs, technicians must be familiar with EHR computer software, maintaining EHR security, and analyzing electronic data to improve healthcare information. Health information technicians use EHR software to maintain data on patient safety, patterns of disease, and disease treatment and outcome. Technicians also may assist with improving EHR software usability and may contribute to the development and maintenance of health information networks.

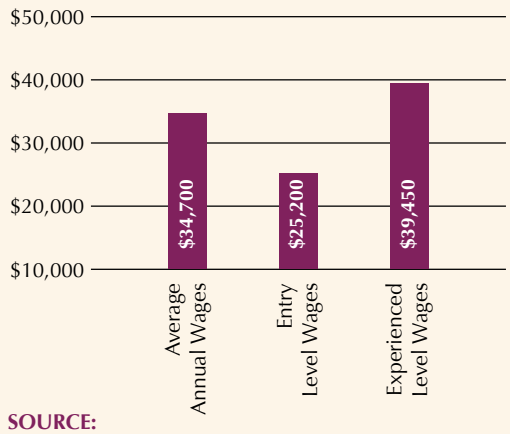
What is the job outlook?

Employment of medical records and health information technicians is expected to increase by 20 percent, *much faster than the average* for all occupations through 2018.

What training do I need?

Entry-level medical records and health information technicians usually have an associate degree. Many employers favor technicians who have a Registered Health Information Technicians (RHIT) credential.

What will I get paid?



SOURCE:
www.paworkstats.state.pa.us (2012 data)

Resources

AHIMA American Health Information Management Association
www.ahima.org

AAPC American Academy of Professional Coder
www.aapc.com

NCRA National Cancer Registrars Association
www.ncra-usa.org

PMI Practice Management Institute
www.pmimd.com

Professional Association of Healthcare Coding Specialists
www.pahcs.org

Where can I get the training?

Broome Community College

Fortis Institute - Forty Fort

McCann School of Business & Technology - Dickson City, Hazleton & Sunbury

Penn State - Hazleton & Worthington/ Scranton

Pennsylvania College of Technology

South Hills School of Business & Technology

FUN Fact
The Personal Health Record Act of 2009 created guidelines for making healthcare records more accessible to individuals.

What programs do these schools offer?

DIPLOMA
- Fortis Institute - Forty Fort
- McCann School of Business & Technology - Dickson City, Hazleton & Sunbury

ASSOCIATE OF APPLIED SCIENCE
- Broome Community College
- McCann School of Business & Technology - Hazleton & Sunbury

ASSOCIATE IN SPECIALIZED TECHNOLOGY
- South Hills School of Business & Technology - State College

BACHELOR OF SCIENCE
- Pennsylvania College of Technology

Cardiovascular Technician

What will I do?

Clinical sonography uses high frequency sound waves within the body to distinguish different characteristics of the body and decipher normal and abnormal functions. Cardiovascular technologists and technicians use clinical sonography to assist physicians in diagnosing and treating cardiac (heart) and peripheral vascular (blood vessel) ailments. They also operate and care for testing equipment and explain test procedures. There are many specialties within this field. Cardiovascular technologists may specialize in any of three areas of practice: invasive cardiology, echocardiography, or vascular technology.

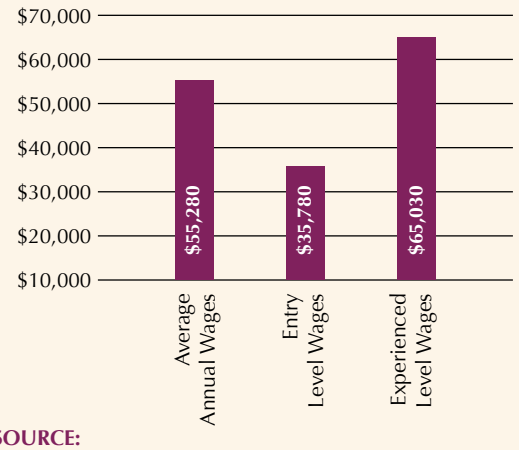
What is the job outlook?

Employment of cardiovascular technologists and technicians is expected to increase 24 percent through the year 2018, *much faster than the average* for all occupations.

What training do I need?

Most cardiovascular technologists, vascular technologists, and cardiac sonographers receive training in 2- to 4-year programs. The majority of technologists complete a 2-year junior or community college program, but 4-year programs are increasingly available. The first year is dedicated to core courses and is followed by a year of specialized instruction in either invasive, noninvasive cardiovascular, or noninvasive vascular technology. After completing a Diagnostic Medical Sonography Program, students can specialize in a variety of fields such as: General Ultrasonography, Vascular Technology, Obstetrical Sonography, Cardiac Sonography, and Department Management or Supervising.

What will I get paid?



SOURCE:
www.paworkstats.state.pa.us (2012 data)

Cardiovascular technologists and technicians must be reliable, have mechanical aptitude, and be able to follow detailed instructions.

Resources

ACP - Alliance of Cardiovascular Professionals
www.acp-online.org

ARDMS - American Registry of Diagnostic Medical Sonographers
www.ardms.org

CCI - Cardiovascular Credentialing International
www.cci-online.org

SVU - Society for Vascular Ultrasound
www.svunet.org

Where can I get the training?

Geisinger Medical Center

Keystone College

Lackawanna College - Scranton

Misericordia University

South Hills School of Business & Technology

FUN Fact
If your blood vessels were strung together, they would circle the globe 2½ times!

What programs do these schools offer?

DIAGNOSTIC MEDICAL SONOGRAPHY - DIPLOMA
- South Hills School of Business & Technology

VASCULAR TECHNOLOGY - ASSOCIATE DEGREE
DIAGNOSTIC ULTRASOUND TECHNOLOGY - ASSOCIATE
- Lackawanna College - Scranton

MEDICAL IMAGING CARDIAC PERFUSION EMPHASIS AAS
- Keystone College

CERTIFICATE & BACHELOR OF SCIENCE
- Misericordia University

CARDIOVASCULAR FELLOWSHIP
- Geisinger Medical Center

Physician Assistant

What will I do?

Physician assistants (PAs) practice medicine under the supervision of physicians and surgeons. PAs are formally trained to provide diagnostic, therapeutic, and preventive healthcare services, as delegated by a physician. Working as members of a healthcare team, they take medical histories, examine and treat patients, order and interpret laboratory tests and x rays, and make diagnoses. They also treat minor injuries by suturing, splinting, and casting. PAs record progress notes, instruct and counsel patients, and order or carry out therapy. Physician assistants also may prescribe certain medications. In some establishments, a PA is responsible for managerial duties, such as ordering medical supplies or equipment and supervising medical technicians and assistants.

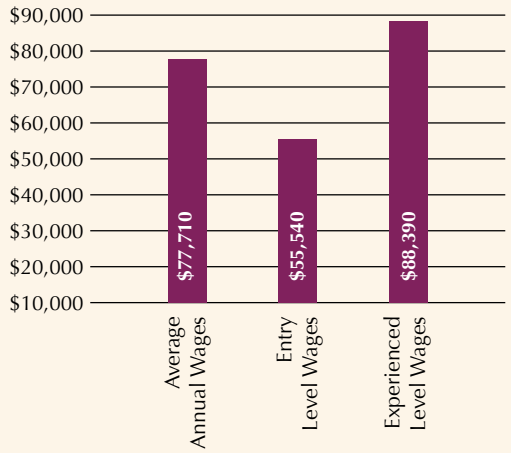
What is the job outlook?

Employment of physician assistants is expected to grow by 39 percent from 2008 to 2018, *much faster than the average* for all occupations. Projected rapid job growth reflects the expansion of healthcare industries and an emphasis on cost-cutting measures, which results in increasing use of PAs by healthcare establishments.

What training do I need?

Physician assistant educational programs usually take at least 2 years to complete for full-time students. Most programs are at schools of allied health, academic health centers, medical schools, or 4-year colleges; a few are at community colleges, are part of the military, or are at hospitals. Many accredited PA programs have clinical teaching affiliations with medical schools.

What will I get paid?



SOURCE:
www.paworkstats.state.pa.us (2012 data)

Resources

AAPA-American Academy of Physician Assistants Information Center
www.aapa.org

ARC-PA-Accreditation Review Commission on Education for the Physician Assistants
www.arc-pa.org

NCCPA-National Commission on Certification of Physician Assistants, Inc.
www.nccpa.net

Fun Fact:
To expand the delivery of quality medical care, Dr. Eugene Stead of the Duke University Medical Center in North Carolina put together the first class of PAs in 1965. He selected Navy corpsmen who received considerable medical training during their military service and during the war in Vietnam but who had no comparable civilian employment. He based the curriculum of the PA program in part on his knowledge of the fast-track training of doctors during World War II.

Where can I get the training?	What programs do these schools offer?
King's College	BACHELOR OF SCIENCE • King's College • Pennsylvania College of Technology
Lock Haven University	
Marywood University	MASTER OF SCIENCE • Lock Haven University • Marywood University
Pennsylvania College of Technology	

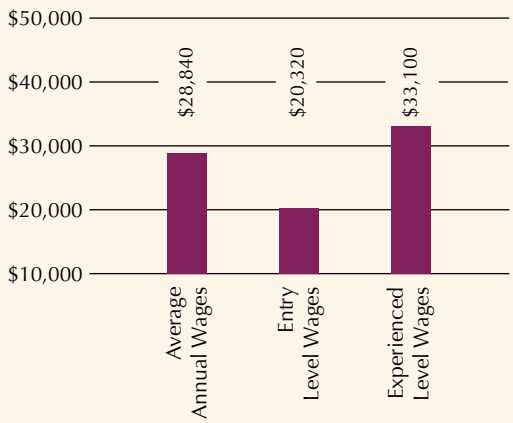
Pharmacy Technician

What will I do?

Pharmacy technicians help licensed pharmacist provide medication and other health care products to patients. They perform routine tasks to help prepare prescribed medication and checks each prescription before it is given to the patient. Technicians may also have to prepare insurance forms and inventory medications. Strong customer service and teamwork skills are needed because pharmacy technicians interact with patients, coworkers, and health care professionals. Mathematics, spelling, and reading skills also are important.

Successful pharmacy technicians are alert, observant, organized, dedicated, and responsible.

What will I get paid?



SOURCE:
www.paworkstats.state.pa.us (2012 data)

What is the job outlook?

Employment of pharmacy technicians and aides is expected to increase by 25 percent from 2008 to 2018, *which is much faster* than the average for all occupations.

What training do I need?

There is no national training standard for this position, but employers favor hiring workers with diplomas or certificates.

Resources

ASHP - American Society of Health-System Pharmacists
www.ashp.org

Institute for the Certification of Pharmacy Technicians
www.nationaltechexam.org

NPTA - National Pharmacy Technician Association
www.pharmacytechnician.org

PTCB - Pharmacy Technician Certification Board
www.ptcb.org

Where can I get the training?

Fortis Institute - Forty Fort

Lackawanna College - Hazleton

Luzerne County Community College

Penn Foster Career School

FUN Fact
More than half of calls to physicians concern pharmacy issues.

What programs do these schools offer?

CERTIFICATE
- Lackawanna College - Hazleton
- Luzerne County Community College

DIPLOMA
- Fortis Institute - Forty Fort
- Penn Foster Career School

AAS IN PRE-PHARMACY
- Luzerne County Community College

Licensed Practical Nurse (LPN)

What will I do?

LPNs care for the sick, injured, convalescent, and disabled under the direction of physicians and registered nurses. Most provide bedside care, take vital signs, prepare and give injections, apply dressings, treat sores. LPNs monitor their patients and report adverse reactions to medications or treatments. As part of their work, LPNs collect samples for testing, perform routine laboratory tests, and record food and fluid intake and output. They clean and monitor medical equipment. Sometimes, they help physicians and registered nurses perform tests and procedures. Some LPNs help to deliver, care for, and feed infants.

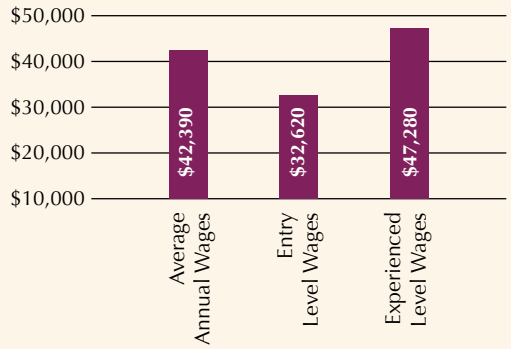
What is the job outlook?

Employment of LPNs is expected to grow by 21 percent between 2008 and 2018, much *faster than the average* for all occupations, in response to the long-term care needs of an increasing elderly population and the general increase in demand for healthcare services.

What training do I need?

To become a licensed practical nurse, you must complete a program that teaches you theory and basic nursing skills to provide safe nursing care. Classroom study covers basic nursing concepts and subjects related to patient care, including anatomy, physiology, medical-surgical nursing, pediatrics, obstetrics, psychiatric nursing, the administration of drugs, nutrition, and first aid. Clinical practice usually is in a hospital but sometimes includes other settings. Each state has a different licensing exam. In Pennsylvania, the NCLEX-PN licensing exam is required in order to obtain licensure.

What will I get paid?



SOURCE:
www.paworkstats.state.pa.us (2012 data)

Resources

ANA - American Nurses Association
www.nursingworld.org

NAPNES - National Association for Practical Nurse Education and Service
www.napnes.org

NCSBN - National Council of State Boards of Nursing
www.ncsbn.org

NFLPN - National Federation of Licensed Practical Nurses
www.nflpn.org

PSNA - Pennsylvania State Nurses Association
www.panurses.org

Where can I get the training?

Career & Technology Center of Lackawanna County
Central Pennsylvania Institute of Science & Technology
Fortis Institute - Scranton
Greater Southern Tier BOCES
Hazleton Area Career Center
Northampton Community College - Monroe Campus
Northern Tier Career Center
Pennsylvania College of Technology
Schuylkill Technology Center - North Campus
Wilkes-Barre Area Career & Technical Center

FUN Fact
The first nursing school in history dates back to 250 B.C. and was located in India.

What programs do these schools offer?

DIPLOMA
- Career & Technology Center of Lackawanna County
- Central Pennsylvania Institute of Science & Technology
- Fortis Institute - Scranton
- Greater Southern Tier BOCES
- Hazleton Area Career Center
- Northampton Community College - Monroe Campus
- Northern Tier Career Center
- Schuylkill Technology Center - North Campus
- Wilkes-Barre Area Career & Technical Center

ASSOCIATE OF APPLIED SCIENCE
- Pennsylvania College of Technology

Registered Nurse (RN)

What will I do?

Registered nurses (RNs) treat patients, educate patients and the public about various medical conditions, and provide advice and emotional support to patients' family members. They record patients' medical histories and symptoms, help perform diagnostic tests and analyze results, operate medical machinery, administer treatment and medications, and help with patient follow-up and rehabilitation. RNs teach patients and their families how to manage their illness or injury, explaining post-treatment home care needs; diet, nutrition, and exercise programs; and self-administration of medication and physical therapy. RNs with advanced educational preparation and training may perform diagnostic and therapeutic procedures and may have prescriptive authority.

FUN Fact

Linda Richards became the first nurse to earn a nursing diploma in the United States in 1873.

Where can I get the training?

Arnot Ogden School of Nursing
Binghamton University
Bloomsburg University
Broome Community College
Corning Community College
East Stroudsburg University
Keystone College
Luzerne County Community College
Mansfield University
Marywood University
Misericordia University
Northampton Community College
Penn State - Schuylkill
Penn State - University Park
Penn State - Worthington/Scranton
Pennsylvania College of Technology
University of Scranton
Wilkes University

What programs do these schools offer?

ASSOCIATE OF APPLIED SCIENCE IN NURSING
- Arnot Ogden School of Nursing
- Broome Community College
- Corning Community College
- Keystone College
- Lock Haven University
- Luzerne County Community College
- Northampton Community College
- Penn State - Worthington/Scranton
- Pennsylvania College of Technology

BACHELOR OF SCIENCE IN NURSING
- Binghamton University
- Bloomsburg University
- East Stroudsburg University
- Mansfield University
- Marywood University
- Misericordia University
- Penn State - University Park
- Pennsylvania College of Technology
- University of Scranton

MASTER OF SCIENCE IN NURSING
- Bloomsburg University
- Marywood University
- Misericordia University
- Wilkes University

What training do I need?

There are three major educational paths to registered nursing—a bachelor's of science degree in nursing (BSN), an associate degree in nursing (ADN), and a diploma.

What is the job outlook?

Employment of registered nurses is expected to grow by 22 percent from 2008 to 2018, *much faster than the average* for all occupations.

Resources

ASRN - American Society of Registered Nurses
www.asrn.org

AACN - American Association of Colleges of Nursing
www.aacn.nche.edu

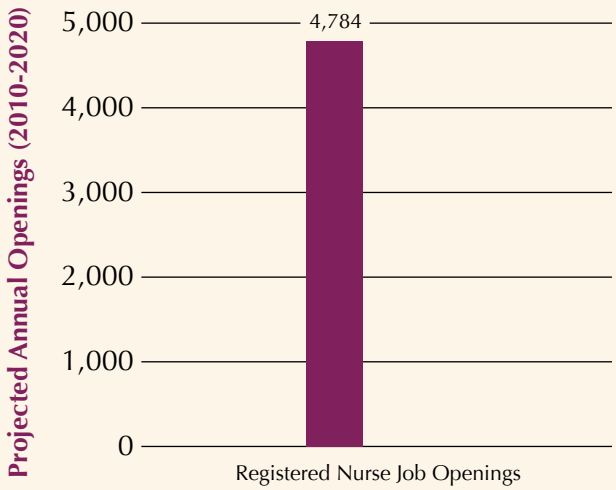
ANA - American Nurses Association
www.nursingworld.org

NCSBN - National Council of State Boards of Nursing
www.ncsbn.org

NLN - National League for Nursing
www.nln.org

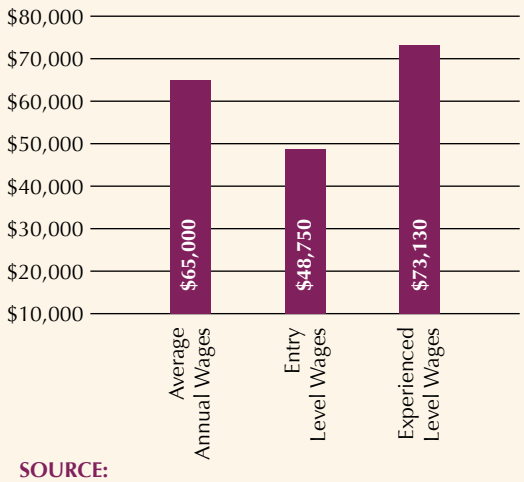
PSNA - Pennsylvania State Nurses Association
www.panurses.org

Annual Health Care STEM Demand



SOURCE:
www.paworkstats.state.pa.us

What will I get paid?



SOURCE:
www.paworkstats.state.pa.us (2012 data)

Nurses should be caring, sympathetic, responsible, and detail oriented. They must be able to direct or supervise others, correctly assess patients' conditions, and determine when consultation is required.

Education Options

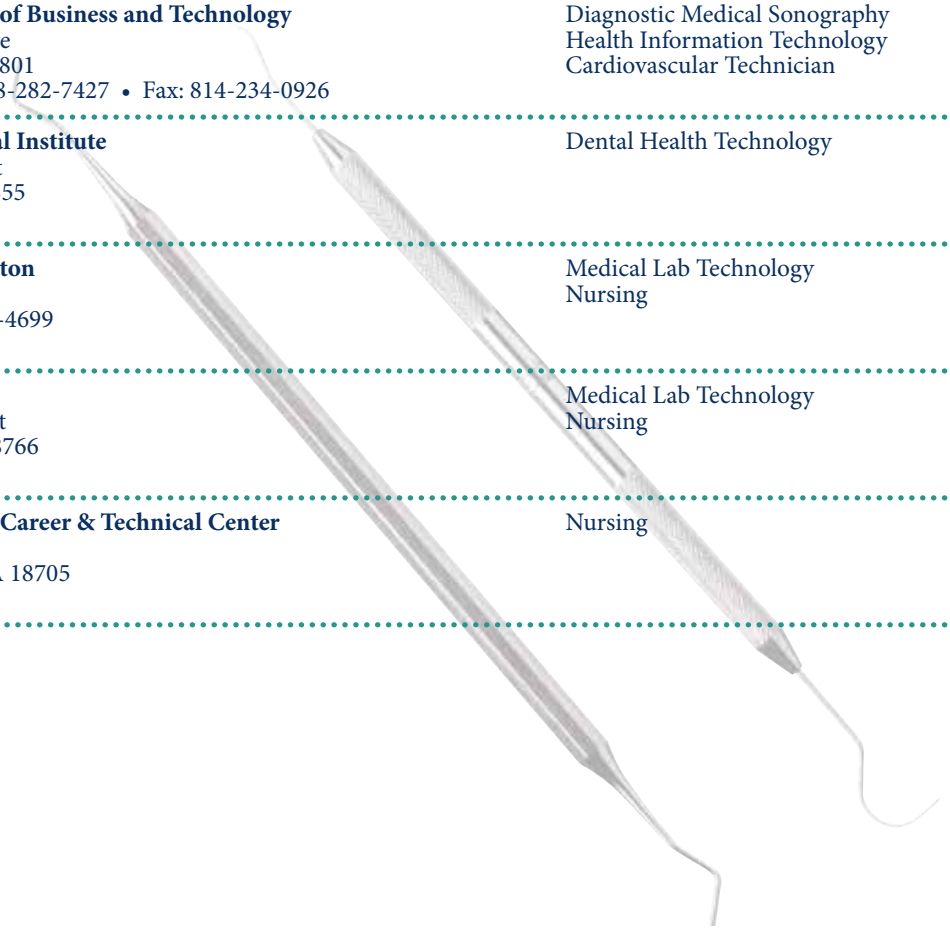
School	Programs
Arnot-Ogden Medical Center 600 Roe Avenue Elmira, NY 14905 800-952-AOMC	Radiologic Technology Registered Nurse
Binghamton University P. O. Box 6000 Binghamton, NY 13902-6000 607-777-2151	Registered Nurse
Bloomsburg University 400 East Second Street Bloomsburg, PA 17815-4000 570-389-4316	Registered Nurse
Broome Community College Binghamton, NY 13902 607-778-5000	Registered Nurse Dental Hygienist Medical Laboratory Technology Health Information Technician Radiologic Technician EMT Paramedic
Career Technology Center of Lackawanna County 3201 Rockwell Avenue Scranton, PA 18508 570-346-8728	Licensed Practical Nurse
Corning Community College 1 Academic Drive Corning, NY 14830 800-358-7171 • 607-962-9222 • 607-962-9CCC	Nursing - AAS
Central Pennsylvania Institute of Science & Technology 540 N. Harrison Road Pleasant Gap, PA 16823 814-359-2793	Licensed Practical Nurse Dental Assisting
East Stroudsburg University 200 Prospect Street East Stroudsburg, PA 18301 570-422-3211	Medical Technology Registered Nurse
Fortis Institute - Forty Fort 166 Slocum Street Forty Fort, PA 18704 855-436-7847 • 570-288-8400 • 877-268-2669	Health Information Technology Pharmacy Technician
Fortis Institute - Scranton 517 Ash Street Scranton, PA 18509 855-436-7847 • 570-558-1818 • 877-572-8369	Dental Hygiene Expanded Function Dental Assistant Licensed Practical Nurse
Geisinger Medical Center 100 N. Academy Avenue Danville, PA 17822 800-275-6401	Emergency Medical Technician/Paramedic Radiologic Technologist Cardiovascular Fellowship
Greater Southern Tier BOCES Bush Campus 459 Philo Road Elmira, NY 14903 607-739-3581 • Fax: 607-795-5304	Dental Assistant Nursing

School	Programs
Hazleton Area Career Center 1451 West 23rd Street Hazleton, PA 18202 570-459-3221	Licensed Practical Nurse
Johnson College 3427 N. Main Avenue Scranton, PA 18508 570-342-6404 • 800-283-8675	Radiologic Technology
Keystone College One College Green P.O. Box 50 LaPlume, PA 18440-0200 877-426-5343 • 570-945-8000	Medical Technology Emphasis
King's College 133 North River Street Wilkes Barre, PA 18711 888-KINGS-PA	Medical Laboratory Technologist Physician Assistant
Lackawanna College 501 Vine Street Scranton, PA 18509 877-346-3552	Emergency Medical Services Vascular Technology Diagnostic Medical Sonography Cardiac Sonography
Lackawanna College 145 East Broad Street Hazleton, PA 18201 570-459-1573	Pharmacy Technician
Lackwanna College, Towanda Center One Elizabeth Street, Suite 2 Towanda, Pennsylvania 18848 570-265-3449	Surgical Technology
Lock Haven University 401 N. Fairview Street Lock Haven, PA 17745 570-484-2011	Nursing - AAS Physician Assistant
Luzerne County Community College 1333 South Prospect Street Nanticoke, PA 18634-3899 800-377-LCCC	Dental Assistant Emergency Medical Services Dental Hygienist Respiratory Therapy Pre-Operative Nursing Pre-Pharmacy Surgical Technology
Mansfield University Mansfield, PA 16933 570-662-4000	Respiratory Therapy Nursing Radiologic Technology
Marywood University 2300 Adams Avenue Scranton, PA 18509 570-348-6211 • 1-TO- MARYWOOD	Medical Technology Nursing - BSN, MSN Physician Assistant
McCann School of Business & Technology - Hazleton 370 Maplewood Drive Hazleton Twp., PA 18202 570-454-6172	Surgical Technology Medical Lab Technician Health Information Technician

Education Options

School	Programs
McCann School of Business & Technology - Sunbury 1147 N. Fourth Street Sunbury, PA 17801 888-792-5183	Medical Laboratory Technology Respiratory Therapy Surgical Technology Health Information Technician
Misericordia University 301 Lake Street Dallas, PA 18612 570-674-6400	Physician Assistant Diagnostic Medical Sonography Health Care Informatics Medical Imaging Medical Ultrasound Nuclear Medicine Technology Nursing
Northampton Community College - Monroe Campus 205 Old Mill Road Tannersville, PA 18372 570-620-9221	Nursing - LPN, RN
Northern Tier Career Center 120 Career Lane Towanda, PA 18848 570-265-8111	Nursing - LPN
Pennsylvania College of Technology One College Avenue Williamsport, PA 17701 570-327-4519 • 570-320-2400	Emergency Medical Services Dental Hygienist Health Information Technology Nursing Physician Assistant Radiography Surgical Technology
Penn Foster Career School Student Services Center 925 Oak Street, Scranton, PA 18515 1-888-427-1000	Dental Assistant Pharmacy Technician Electronic Medical Records Medical Coding and Billing Medical Information Management
Penn State - Hazleton 76 University Drive Hazleton, PA 18202 570-450-3000	Medical Laboratory Technician Informatics for Health Care
Penn State - Schuylkill 200 University Drive Schuylkill Haven, PA 17972 570-385-6000	Nursing Radiologic Technician
Penn State - University Park 201 Health & Urban Development East University Park, PA 16802 814-863-0245	Nursing
Penn State - Worthington/Scranton 120 Ridge View Drive Dunmore, PA 18512 570-963-2500	Nursing Healthcare Informatics
Schuylkill Technology Center - North Campus 101 Technology Drive Frackville, PA 17931 570-874-1034	Dental Assistant Nursing

School	Programs
South Hills School of Business and Technology 480 Waupelani Drive State College, PA 16801 814-234-7755 • 888-282-7427 • Fax: 814-234-0926	Diagnostic Medical Sonography Health Information Technology Cardiovascular Technician
SUN Area Technical Institute 815 E. Market Street New Berlin, PA 17855 570-966-1031	Dental Health Technology
University of Scranton 800 Linden Street Scranton, PA 18510-4699 570-941-7400	Medical Lab Technology Nursing
Wilkes University 84 West South Street Wilkes-Barre, PA 18766 1-800-WILKES-U	Medical Lab Technology Nursing
Wilkes-Barre Area Career & Technical Center 350 Jumper Road Plains Township, PA 18705 570-822-4131	Nursing



General Resources

AES – American Education Services - www.aessuccess.org

CAAHEP – Commission on Accreditation of Allied Health Education Programs - www.caahep.org

Pennsylvania Center for Health Careers: www.paworkforce.state.pa.us/portal/server.pt/community/pa_center_for_health_careers/12946

NAO – National Area Health Education Center Organization www.nationalahec.org

NHA – National Health Career Association - www.nhanow.com

North Central Pennsylvania – Area Health Education Center www.ncpaahec.org

Northeast Pennsylvania – Area Health Education Center www.nepaahec.org

Pennsylvania Department of Health www.dsf.health.state.pa.us/health/site/default.asp

Pennsylvania Department of Labor and Industry www.paworkstats.state.pa.us

PHEAA – Pennsylvania Higher Education Assistance Agency www.pheaa.org

HHS – U.S. Department of Health and Human Services www.hhs.org

U.S. Department of Labor – Bureau of Labor Statistics www.hhs.gov

A Job You'll Love

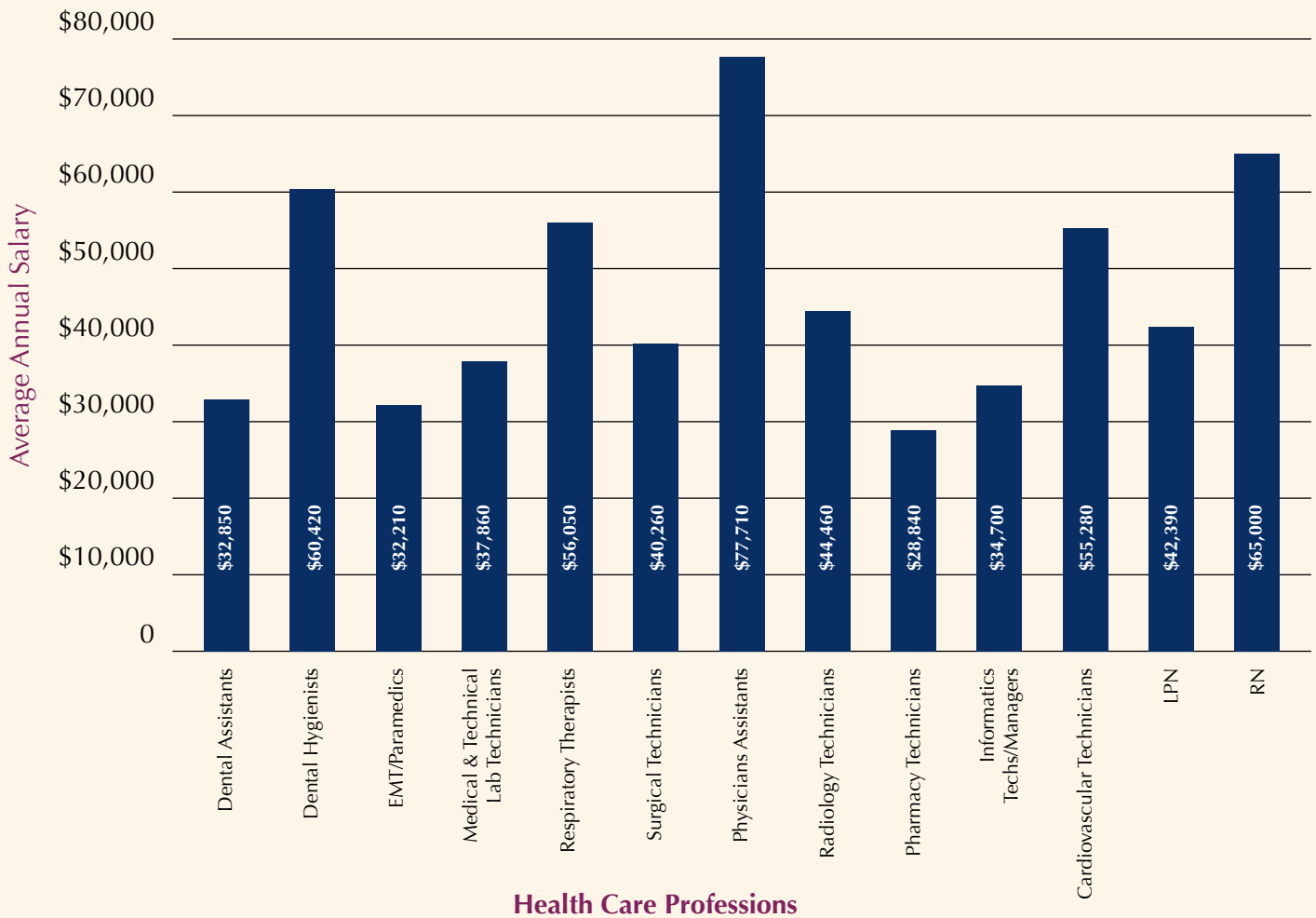
There has never been a better time for you to imagine yourself in a health care career. No matter what your interests are or what your personality is like, there is a position for you in health care. It's not too early to start thinking about what you want to do after graduation.

- Take courses in science and math while in school.
- Get that high school diploma.

There is something for everyone in the health care industry!

- Attend college fairs and career fairs.
- Use the internet to obtain information on different careers.
- When you find a career path that interests you, learn more about the job by volunteering, job shadowing, participating in an apprenticeship, or working part time in the field.
- Visit your school counselor for assistance in researching training and financial aid opportunities.
- Begin the college application process in your junior year.

Average Health Care Wages: Northern Tier & Central PA



Health Care Professions
Center for Workforce Information Analysis

Northeast Regional Health Care Industry Partnership

About the Partnership

The Northeast Regional Health Care Industry Partnership was formed in 2005 to act as "one voice" in the health care industry. The partnership is committed to helping employers attract and retain a skilled workforce, and to provide training opportunities that increase employer competitiveness and that provide a sustainable wage.

Partnership Goals

- Identify employer training, recruitment and retention needs.
- Facilitate employers to come together for training and education needs.
- Collaboration with secondary schools, parents and career counselors.
- Increase public awareness of career opportunities in health care.
- Help education and training institutes align curriculum and programs to industry demand.

For more information contact:

Bradford, Sullivan, Susquehanna, Tioga, Wyoming Counties
Frank Thompson, Executive Director
Northern Tier WIB
NTRPDC
312 Main Street
Towanda, PA 18848
Phone: 570-265-1516 or 888-868-8800
thompson@northerntier.org

Luzerne/Schuylkill Counties
Patricia Lenahan, Executive Director
Luzerne/Schuylkill WIB, Inc.
22 East Union Street, Suite 115
Wilkes-Barre, PA 18701
Phone: 570-822-1101
patricialenahan@lswib.org

Lackawanna County
Virginia Turano, Executive Director
Lackawanna County WIB
Scranton Enterprise Center
201 Lackawanna Avenue Suite 215
Scranton, PA 18503
Phone: 570-342-3649
vturano@wiblackawanna.org

Carbon, Monroe, Pike, Wayne Counties
Joseph Sebelin, Executive Director
Pocono Counties WIB
76 Susquehanna Street, Suite 1
Jim Thorpe, PA 18229
Phone: 570-325-2462
jsebelin@ptd.net

Central Pennsylvania Health Care Industry Partnership

About the Partnership

Since its inception in 2005, the Central Pennsylvania Health Care Industry Partnership has assisted its diverse membership, including acute, long-term care, home health, rehabilitative and residential care companies, in developing new business and human resource strategies by promoting collaboration, advocacy and workforce development. Although the needs may differ based on the workplace setting, the Health Care Partnership recognizes that the human resource challenges facing one facility will ultimately affect the recruitment and retention issues of the industry in general.

Partnership Goals

Early in its existence, the Health Care Industry Partnership participated in a strategic planning process to solidify its mission, vision and strategic goals as follows:

Mission: Our partnership promotes collaboration, advocacy, and workforce development to enhance the region's health care industry.

Vision: To be a region of choice committed to quality of care, exceptional workplaces, and workforce development.

Values: Our industry partnership values are –

- providing quality care
- developing an abundant and qualified workforce
- collaborating among health care providers
- adding value to the regional economy

For more information contact:

Central Pennsylvania Workforce Development Corporation
www.cpwd.org

or your local PA CareerLink® serving Centre, Clinton, Columbia/Montour, Lycoming, Mifflin and Northumberland/Snyder/Union counties.
www.pacareerlink.state.pa.us

CPWDC
Erica Mulberger, Acting Director
130 Kelly Square, Suite 1
Lewisburg, PA 17837
Phone: 570-568-6868 ext. 225
Fax: 570-568-6867
www.cpwdc.org