

Critical Skill Shortages Initiative

Inventory of Healthcare Producers

Summary

This inventory of healthcare producers is a summary document for Tier One and Two Critical Skill Shortage Occupations in Healthcare. It lists programs for each in the Northeast Economic Development Region and includes data on capacity, cost, and degrees conferred by each school. Every attempt was made to identify all training programs leading to the critical occupations but it is likely that some programs are not captured in this inventory. Training for several of the occupations, for instance, may take place at the employer's facility. None of those training programs were included. The data collection methodologies used to collect this data included web research, database mining, and over 200 phone interviews with program staff. The reporting of this information, especially information collected via web research and phone interviews, was subject to institutional and individual subjectivity.

Note: Further analysis is needed to answer questions regarding the capacity of these programs and current ability to meet projected demand.

Cardiovascular Technologist and Technician

Cardiovascular technologists and technicians assist physicians in diagnosing and treating cardiac (heart) and peripheral vascular (blood vessel) ailments. Cardiovascular technologists may specialize in three areas of practice—invasive cardiology, echocardiography, and vascular technology. Cardiovascular technicians who specialize in electrocardiograms (EKGs), stress testing, and Holter monitors are known as *cardiographic*, or *EKG technicians*.

Although a few cardiovascular technologists, vascular technologists, and cardiac sonographers are currently trained on the job, most receive training in 2- to 4-year programs. Cardiovascular technologists, vascular technologists, and cardiac sonographers normally complete a 2-year junior or community college program. 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. Those who are qualified in an allied health profession need to complete only the year of specialized instruction.

Illinois does not require licensure or accreditation for Cardiovascular Technologists or Technicians. The schools listed below offer various degrees of training in cardiovascular technology. All will qualify technologists for employment. Cardiovascular technicians generally get training on the job, provided by the employer.

There are many schools in medical imaging technology, a related field in the Northeast Economic Development Region. Those schools are listed under the radiography section of this inventory.

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Producer	Type of Degree	Cost	Frequency	Capacity	Waiting List	Length of Program	Completions	Attrition
Medical Careers Institute	Certificate	\$3,520 (entire program)	7 sessions per year	20 per session	About 4 per year	29 weeks	178 (02/03)	4.2%
Rush University	Bachelors	\$4,400 per quarter	Fall	11 per year	N/A	7 quarters after pre-program credits or bachelor's degree in a related field.	None yet	None yet
William Rainey Harper College	Associates	\$71 per credit hour	Fall	25 per year	10	2 years, 64 credit hours	10 (02)	50%

Nuclear Medicine Technologist

Nuclear medicine technologists give patients radioactive drugs or radiation treatments. Nuclear medicine technologists may perform studies to assess how radioactive materials act inside the body. For example, they add materials to a blood sample and observe the changes. They also develop procedures for treatment programs. In addition, technologists maintain and adjust laboratory equipment. Following safety procedures, they dispose of and store radioactive materials. They keep track of the amount and type of radiation disposed of and used.

Accreditation is required in Illinois to work as a Nuclear Medicine Technologist. The Joint Review Committee on Education Programs in Nuclear Medicine Technology accredits most formal training programs in nuclear medicine technology. Programs range in length from 1 to 4 years and lead to a certificate, associate degree, or bachelor's degree. If the program qualifies the candidate for accreditation, it is accepted training in Illinois.

Producer	Type of Degree	Cost	Frequency	Capacity	Waiting List	Length of Program	Completions	Attrition
Benedictine University	Bachelors	\$16,960 per year	Rolling Admission	N/A	None	3 years in major	N/A	N/A
College of DuPage	Certificate	\$50 per credit hour	Fall	13 per year	Several Hundred	12 months, 65 credit hours	9 (02)	0%
Edward Hines Jr. VA Hospital	Certificate	No tuition	January, July	8 per year	32	12 months	8 per year	0%
Northwestern Memorial Hospital	Certificate	N/A	August	12 per year	None	12 months	12 per year	0%
Roosevelt University	Bachelors	\$506 per credit hour	Fall, Spring	Unlimited	None	90 credit hours	4 (03)	"Few"
Triton College	Associates	\$56 per credit hour	August	20-27	None	2 years, 69-70 credit hours	19 (02)	4-8%
University of Saint Francis	Bachelors	\$8,655 per semester	Fall, Spring	7 per year	None	4 years	7 per year	0%

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Occupational Therapist

Occupational Therapists provide therapy to restore a person's ability to work and/or accomplish activities of daily living after an injury or with a disability. They evaluate and provide interventions for individuals and populations who have a disease or disorder, an impairment, and activity limitation, or a participation restriction that interferes with their ability to function independently in their daily life roles and to promote health and wellness. OTs interventions may include: remediation or restoration of performance abilities that are limited due to impairment in biological, physiological, psychological, or neurological processes, adaptation of task, process, or the environment or the teaching of compensatory techniques in order to enhance performance, disability prevention methods and techniques that facilitate the development or safe application of performance skills, and health promotion strategies that enhance performance abilities.

In Illinois the required degree for Occupational Therapist licensure is the bachelors degree but all of the programs in the Chicago metro area have converted their OT programs to Masters Degree programs. This is in keeping with a resolution passed by the Accreditation Council for Occupational Therapy Education giving schools of Occupational Therapy until January 1, 2007 to initiate postbaccalaureate degree programs as entry level.

Producer	Type of Degree	Cost	Frequency	Capacity	Waiting List	Length of Program	Completions	Attrition
Chicago State University	Masters of Occupational Therapy	\$111 per credit hour	Fall	20 per year	None	2 years (post-baccalaureate) 94 credit hours	0 (New)	New
Governors State University	Masters	\$1,260 per trimester	Fall, Winter, Spring/Summer	24 per semester	None	2 year, 97 credit hours	0 (New)	New
Midwestern University	Masters	\$19,119 per year	Fall	25 per year	25	27 months	21 (02)	Less than 1%
Rush University	Masters	\$440 per hour	Summer	25 per year	25	4 quarters	24 (02)	Less than 1%
University of Illinois Chicago	Masters in OT and Masters in Occupational Therapy Research	\$4,035 per semester	Fall	28 per year	15	2-1/2 years	10 (02)	1%

Pharmacist

“Practice of pharmacy” means the provision of pharmaceutical care to patients as determined by the pharmacist's professional judgment in the following areas, which may include but are not limited to (1) patient counseling, (2) interpretation and assisting in the monitoring of appropriate drug use and prospective drug utilization review, (3) providing information on the therapeutic values, reactions, drug interactions, side effects, uses, selection of medications and medical devices, and outcome of drug therapy, (4) participation in drug selection, drug monitoring, drug utilization review, evaluation, administration, interpretation, application of pharmacokinetic and laboratory data to design safe and effective drug regimens, (5) drug research (clinical and scientific), and (6) compounding and dispensing of drugs and medical devices.

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The accepted entry level degree for pharmacists is the doctorate (PharmD). Two universities in the Northeast Economic Development Region offer programs leading to the degree and licensure as a pharmacist.

Producer	Type of Degree	Cost	Frequency	Capacity	Waiting List	Length of Program	Completions	Attrition
Midwestern University	Doctorate	\$19,119 per year	Fall	N/A	N/A	2 years	N/A	N/A
University of Illinois at Chicago	Doctorate	\$5,816 per semester	Fall	140-150 per year	100	2 years	145 (04)	1%

Physical Therapist

“Physical therapy” means the evaluation or treatment of a person by the use of the effective properties of physical measures and heat, cold, light, water, radiant energy, electricity, sound, and air; and the use of therapeutic massage, therapeutic exercise, mobilization, and the rehabilitative procedures with or without assistive devices for the purposes of preventing, correcting, or alleviating a physical or mental disability, or promoting physical fitness and well-being. Physical therapy includes, but is not limited to: (a) performance of specialized tests and measurements, (b) administration of specialized treatment procedures, (c) interpretation of referrals from physicians, dentists and podiatrists, (d) establishment, and modification of physical therapy treatment programs, (e) administration of topical medication used in generally accepted physical therapy procedures when such medication is prescribed by the patient's physician, and (f) supervision or teaching of physical therapy.

The required entry level degree to qualify for licensure as a physical therapist in Illinois is the Masters Degree in Physical Therapy.

Producer	Type of Degree	Cost	Frequency	Capacity	Waiting List	Length of Program	Completions	Attrition
Governors State University	Masters	\$1,260 per trimester	Fall	24 per year	None	15 trimesters	16 (02)	1%
Midwestern University	Doctorate	\$20,221 per year	June	45 per year	None	32 months 164.4 credits	0 (New)	New
Northern Illinois University	Masters	\$1,984.20 per semester	Fall	36 per year	Yes, (# N/A)	3 years	32 (02)	11%
Northwestern University	Doctorate	\$8,973 per trimester	August	60 per year	None	7 trimesters, 28 months	50 (02)	7%
Rosiland Franklin University	Doctorate	\$19,838 per year	June	36 per year	Yes, (# N/A)	3 years	34 (02)	Less than 10%
University of Illinois at Chicago	Doctorate	\$15,000 per year	Fall	36 per year	N/A	3 years	0 (New)	New

Radiological Technologist

A radiologic technologist administers radiopharmaceuticals and related drugs to human beings for diagnostic purposes, detects and measures radioactivity, administers radiopharmaceuticals to human beings for therapeutic purposes, applies x-radiation to any part of the human body and administers contrast agents and related drugs for diagnostic purposes.

The accepted entry level training in Illinois is the Associates degree.

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Producer	Type of Degree	Cost	Frequency	Capacity	Waiting List	Length of Program	Completions	Attrition
Advocate Illinois Masonic	Associates	\$3,375 (entire program)	September	16 per year	None	2 years	About 15 per year	7%
College of DuPage	Associates	\$46 per credit hour	June	65-72 per year	Yes, (#N/A)	2 years	21 (02)	40% (03) 20% (04)
College of Lake County	Associates	\$57.45 per credit hour	Fall	30 per year	None	2 years, 71 credits	0 (02)	N/A
Kankakee Community College	Associates	\$60 per credit hour	June	24 per year	Yes, (# N/A)	2 years	9 (02) 15 (04)	40%
Kishwaukee Community College	Associates	\$4,825 (entire program)	Fall	22 per year	Yes, (# N/A)	2 years	13 (03)	27.8%
Malcolm X College	Associates	\$3,588 (entire program)	June	32	None	2 years	19 (02)	10%
Moraine Valley Community College	Associates	\$53 per credit hour	June	64	N/A	26 months, 73 credits	20 (02)	N/A
South Suburban College	Associates	\$64 per credit hour	August	40	Yes, (# N/A)	2 years	19 (02)	15%
Trinity Hospital	Associates	\$2,000 per year	August	17	None	2 years	About 12 each year	30%
Triton College	Associates	\$56 per credit hour	Fall	50	None	2 years	39 (04)	20%
Wilbur Wright College	Associates	\$62 per credit hour	Fall	35	Yes, (# N/A)	26 months	25 (03)	30%

Registered Nurse

A registered professional nurse provides nursing care emphasizing the importance of the whole and the interdependence of its parts through the nursing process to individuals, groups, families, or communities, that includes but is not limited to: (1) the assessment of healthcare needs, nursing diagnosis, planning, implementation, and nursing evaluation; (2) the promotion, maintenance, and restoration of health; (3) counseling, patient education, health education, and patient advocacy; (4) the administration of medications and treatments; (5) the coordination and management of the nursing plan of care; (6) the delegation to and supervision of individuals who assist the registered professional nurse implementing the plan of care; and (7) teaching and supervision of nursing students.

In Illinois the minimal degree to qualify for licensure is an Associate Degree but there are entry level programs which provide a Bachelor's degree and even a few at the Masters level.

Producer	Type of Degree	Cost	Frequency	Capacity	Waiting List	Length of Program	Completions	Attrition
College of DuPage	Associates	\$50 per credit hour	Fall	117	125	2 years, 105 credits	49 (02)	20%
College of Lake County	Associates	\$57.45 per credit hour	Fall, Spring	60 Fall 40 Spring	Yes, (#N/A)	2 years, 62 credits	51 (02)	15%
Elgin Community College	Associates	\$79 per credit hour	Fall, Spring	80	N/A	2 years, 67	56 (02)	N/A

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Harry S Truman College	Associates	\$62 per credit hour	Fall	N/A	N/A	credits 2 years, 68 credits	56 (02)	N/A
Joilet Jr. College	Associates	\$68 per credit hour	Fall, Spring	120 per year	236	2 years	89 (02)	N/A
Kankakee Community College	Associates	\$60 per credit hour	Fall	70 per year	N/A	2 years, 69 credits	39 (02)	N/A
Kennedy-King College	Associates	\$52 per credit hour	Summer	100	None	2 years	20 (02)	15%
Kishwaukee Community College	Associates	\$5,000 (entire program)	Fall, Spring	40 Fall 30 Spring	250	2 years, 69 credits	49 (02)	N/A
Malcolm X College	Associates	\$62 per credit hour	N/A	50 per year	N/A	2 years	17 (02)	N/A
Moraine Valley Community	Associates	\$1,908 per year	Fall, Spring	220 per year	N/A	2 years	66 (02)	N/A
Morton College	Associates	\$55 per credit hour	Twice per year	77 per year	27	2 years	40-45 per year	40%
Oakton Community College	Associates	\$62 per credit hour	Fall, Spring	80 Fall 32 Spring	26	2 years	57 (02)	N/A
Olive-Harvey College	Associates	\$52 per credit hour	N/A	110 per year	N/A	N/A	8 (02)	N/A
Prairie State College	Associates	\$70 per credit hour	Fall	100 per year	200	2 years	29 (02)	50%
Richard J. Daley College	Associates	\$52 per credit hour	N/A	N/A	N/A	N/A	35 (02)	N/A
South Suburban College	Associates	\$64 per credit hour	Fall	100 per year	None	2 years, 72 credits	75-83 (02)	14%
Triton College	Associates	\$56 per credit hour	Fall, Spring	60 per year	None	2 years	75 (02)	N/A
Waubensee Community College	Associates	\$54 per credit hour	August, October, January, March	108 per year	None	2 years	22 (02)	N/A
William Rainey Harper College	Associates	\$71 per credit hour	Fall	130 per year	Alternate list of 100	2 years	81 (02) 95 (03)	20%
Aurora University	Bachelors	\$14,750 per year	N/A	N/A	N/A	4 years	24 (02)	N/A
Benedictine University	Bachelors Pre-nursing then to Rush University for upper division leading to Bachelor's	\$18,310 per year	Fall, Spring	20 per semester	None	2 years	9 (02)	N/A
Chicago State University	Bachelors	\$139 per credit hour	Basic, January CNA - BSN , Spring LPN-BSN, Fall	44 (Basic) 12 (CNA- BSN) N/A (LPN- BSN)	None	2-1/2 years (Basic) 2-3 years (CNA-BSN) 2 years (LPN- BSN)	34 (02)	N/A
Elmhurst College	Bachelors	\$20,090 per year	Fall	40-45 per year	Yes (# N/A)	4 years	32 (02)	N/A
Governors State University	Bachelors	\$118 per credit hour	Fall	50 per year	None	4 years	9 (02)	10%
Lewis University	Bachelors	\$7,975 per semester	Fall, Spring	Unlimited	None	4 years	149 (02)	N/A
Marcella Niehoff School of Nursing Loyola University of Chicago	Bachelors	\$11,155 per semester	Fall	N/A	N/A	4 years	101 (02)	N/A
North Park University	Bachelors	\$385 per semester	Fall, Spring,	48 per year	None	4 years	28 (02)	2%

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			Summer					
Olivet Nazarene University	Bachelors	\$21,540 per year	Fall	60	None	4 years	61 (02)	N/A
Rush University	Bachelors Upper division only after 2 years pre- nursing elsewhere	\$4,960 per year	Fall (Basic) Spring (Accelerated)	60 per year (Basic) 70 per year (Accelerated)	Yes (#N/A)	years (Basic) 1 year (Accelerated)	50 (02) (Basic)	N/A
St. Xavier University	Bachelors	\$17,150 per year	Fall, Spring	75 per year	None	4 year	118 (02)	19%
Trinity Christian College	Bachelors	\$15,490 per year	Fall	40 per year	None	4 years	15 (02)	15%
University of Illinois at Chicago	Bachelors	\$4,042 per semester	Fall	N/A	N/A	4 years	124 (02)	N/A
University of Saint Francis	Bachelors	\$16,800 per year	Fall, Spring	Unlimited	None	4 years	78 (02)	N/A

Note: The two-year BSN programs require two years additional years of general studies and completion of all pre-requisites.

Billing/Insurance Clerk

Billing and posting clerks and machine operators, commonly called *billing clerks*, compile records of charges for services rendered or goods sold, calculate and record the amounts of these services and goods, and prepare invoices to be mailed to customers.

There are no specific credentialing requirements in Illinois for this occupation and many employers provide on-the-job training but schools listed below also provide specific health care courses that confer certificates to work as billing and insurance clerks.

Producer	Type of Degree	Cost	Frequency	Capacity	Waiting List	Length of Program	Completions	Attrition
AMS Medical Billing School	Certificate	\$1,105 (entire program)	N/A	N/A	N/A	N/A	N/A	N/A
American Health Information Management Association	Certificate	\$500 (entire program)	Every Wednesday	Unlimited	None	15 weeks	N/A	N/A
American Institute of Software Training	Certificate	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Career Academy	Certificate	\$875 (entire program)	About every 10 days	20-25 per program	10	20 weeks	50 (03)	10%
College of DuPage	Certificate	\$50 per credit hour	4 times per year	Unlimited	None	18 credits	N/A	N/A
College of Lake County	Certificate	\$57.45 per credit hour	Fall, Spring	20 per program	None	20-21 credits	1-2 per year	0%
Harry S Truman College	Certificate	\$62 per credit hour	N/A	N/A	N/A	N/A	N/A	N/A
IT Quality Group, Inc	Certificate	\$2,100 (entire program)	8-12 times per year	10 per program	Yes (# N/A)	13 weeks	N/A	2%
Illinois Health & Human Services Technical Training Center	Certificate	\$3,295 (entire program)	As often as needed	4-8 per program	None	12 weeks	N/A	5%
Kennedy-King College	Certificate	\$949 (entire program)	N/A	N/A	N/A	35 hours	N/A	N/A
Medical Academy of Business Technology	Certificate	\$1,000 (entire program)	4 times per year	6-12 per program	None	80 hours	N/A	5%
Medical Careers Institute	Certificate	\$2,220 (entire program)	8-10 times per year	18 per program	None	6 months	N/A	19%
Moraine Valley Community College	Certificate	\$59 per credit hour	As often as needed	65 per year	None	20 credits	About 50 per year	23%
Oakton Community College	Certificate	\$710 per course	N/A	N/A	N/A	11 credits	N/A	N/A
Olive-Harvey College	Certificate	\$3,150 (All Phases)	Spring	20 per year	Yes (# N/A)	180 hours	N/A	15%

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Richard J. Daley College	Certificate	\$52 per credit hour	5 times per year	20 per program	None	7 weeks	About 18-19 per program	"Very Low"
SER Business and Technical Institute	Certificate	\$40 registration fee	N/A	18 per program	Yes (# N/A)	15 weeks	12 (04)	12%
Taylor Business Institute	Certificate	\$10,500	N/A	N/A	N/A	N/A	N/A	N/A
U-DOC Technical Training Center, Inc	Certificate	N/A	N/A	N/A	N/A	N/A	N/A	N/A
William Rainey Harper College	Certificate	\$71 per credit hour	Fall, Spring	Unlimited	None	38 credit hours	N/A	N/A

Certified Nursing Assistant

CNAs perform routine tasks under the supervision of nursing and medical staff. Answer patients' call lights, deliver messages, serve meals, make beds, and help patients eat, dress, and bathe. Provide skin care to patients; Take vital signs, Assist patients to get in and out of bed and walk. Escort patients to operating and examining rooms, keep patients' rooms neat, set up equipment, store and move supplies, or assist with some procedures. Observe patients' physical, mental, and emotional conditions and report any change to the nursing or medical staff. Nursing assistants working in hospitals in Illinois require no specific credential. Many hospital employers train their own or hire CNAs and add training specific to the unit on which they will work. CNAs hired by long term care facilities or home health agencies are required to have certification from the Illinois Department of Public Health, obtained after completion of an approved program for CNA or Home Health Aide. Their names must also be registered by the IDPH in order to work in either of those settings.

Producer	Type of Degree	Cost	Frequency	Capacity	Waiting List	Length of Program	Completions	Attrition
American Institute of Software Training	CNA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Career Academy, Inc.	CNA	\$950 (entire program)	About 15 programs per year	24 per program	Yes (# N/A)	10 weeks	About 145 per year	7%
Career Training Center of Chicago	CNA	\$470 (entire program)	12 times per year	24 per program	None	N/A	N/A	N/A
Careerworks, Inc.	CNA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Chicago Board of Education (Marshall H.S)	CNA	None	Each school term	36 per program	None	Taught during 1 high school year(included in high school curricula)	36 (04)	8%
College of DuPage	CNA	\$50 per credit hour	Each quarter	136 per program	N/A	1 quarter	223 (02)	N/A
College of Lake County	CNA	\$57.45 per credit hour	Fall, Spring	300 per year	N/A	1 semester	209 (02)	N/A
Council for Jewish Elderly	CNA	\$25 (entire program)	4 times per year	27-28 per program	None	8 weeks	N/A	20%
Daisy's Resource and Development	CNA	\$800 (entire program)	N/A	12 per class	20-30	8-10 weeks	N/A	10%

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Center								
Dawson Technical Institute, Kennedy-King College	CNA	N/A	N/A	72 per year	N/A	N/A	206 (02)	N/A
Elgin Community College	CNA	\$70 per credit hour	N/A	120 per year	N/A	7 credits	108 (02)	N/A
Elim Outreach Training Center	CNA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Excelsior Basic Nursing Assistant School	CNA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Harold Washington College	CNA	\$62 per credit hour	Fall, Spring, Summer	30 per program	15	12 weeks	58 (02)	4-5%
Harry S Truman College	CNA	\$460 (entire program)	Fall, Spring, Summer	30 per program	None	8 weeks	110 (02)	2%
Health Care Network and Training Center	CNA	\$560 (entire program)	Every 5 weeks	15-20 per program	20	5 weeks	N/A	5%
Health Career Institute	CNA	\$695 (entire program)	Monthly	10-15 per program	None	5 weeks	(N/A)	0%
Healthcare Inservices	CNA	\$740 (entire program)	Twice per month	12-26 per program	Yes (#N/A)	2-3 months	N/A	10%
Health Restoration Academy of Medical Arts	CNA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hearts Academy	CNA	\$800 (entire program)	Every 5 weeks	8 per program	None	3 weeks	N/A	0%
Illinois Health and Human Services	CNA	\$790 (entire program)	Every 8 weeks	18 per program	Yes (# N/A)	6 weeks	N/A	6%
Information Technical Institute	CNA	\$630 (entire program)	Every 5 weeks	30 per program	None	5 weeks	N/A	10%
IT Quality Group	CNA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Joliet Job Corps Center	CNA	No cost	Flexible	N/A	Yes (# N/A)	N/A	N/A	N/A
Joliet Junior College	CNA	\$566 (entire program)	Fall, Spring, Summer	Fall – 240 Spring – 240 Summer - 180	None	1 semester	N/A	"Not many"
Joliet Township High School District No. 204 Central Campus	CNA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
J'Renee Career Facilitation, Inc.	CNA	\$1,157 entire program	N/A	N/A	None	4 weeks (day) 7 weeks (eve)	N/A	0%
Kankakee Community College	CNA	\$60 per credit hour	N/A	120 per semester	N/A	1 semester, 12 credits	N/A	N/A
Kishwaukee College	CNA	\$56 per credit hour	10 programs per year	5 programs at 20 5 programs at 12	Yes (#N/A)	8 weeks	157 per year	1%
Lake County Area Vocational Center		No cost	Fall, Spring	55	None	N/A	N/A	N/A
Malcolm X College	CNA	\$420 (entire program)	Every 10 weeks	12-15 per program	Yes (# N/A)	8 weeks	N/A	10%

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McHenry Community High School	CNA	No cost	1 per school year	20	None	1 school year	14 (04)	0%
McHenry County College	CNA	\$646 (entire program)	Fall, Spring, Summer	21 per program	None	N/A	142 (02)	10-15%
Marstech Healthcare and Technical School	CNA	\$850 (entire program)	Every 6 weeks	10-15 per program	None	6 weeks	N/A	N/A
Medical Academy of Business Technology	CNA	No cost	Every 12 weeks	18 per program	None	10-1/2 weeks	N/A	0%
Moraine Valley Community College	CNA	\$1,908 per year	Fall, Spring, Summer	300 per year	None	1 year	About 294 per year	2%
Morton College	CNA	\$55 per credit hour	Fall	96 per year	None	8 weeks	85 (03)	N/A
Nurses Staffing Academy, Inc.	CNA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Oakton Community College	CNA	\$62 per credit hour	N/A	180 per year	N/A	N/A	72 (02)	N/A
Olive Harvey College	CNA	\$52 per credit hour	N/A	N/A	N/A	N/A	49 (02)	N/A
Omega Healthcare Technical School	CNA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Pharmacy Technician School	CNA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Polish American Association	CNA	No cost	N/A	12 per program	N/A	N/A	N/A	"Not many"
Prairie State College	CNA	\$70 per credit hour	Sum(5 pgrms) Fall (6 prms) Spring (6 pgrms)	12 per program	40	8 weeks	62 (02)	10%
Presbyterian Homes	CNA	No cost	5 per year	36 per program	None	8 weeks	N/A	"Low"
Richard J. Daley College	CNA	\$52 per credit hour	N/A	20 per program	N/A	N/A	18 (02)	N/A
Samland Healthcare Technical School	CNA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SER Business and Technical Institute	CNA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Solex	CNA	\$1,995 (entire program)	Monthly	6-7 per program	Yes (#N/A)	2-1/2 months	N/A	5%
South Suburban College	CNA	\$64 per credit hour	Every 8 weeks	N/A	N/A	8 weeks	311 (02)	N/A
Technology Center of DuPage	CNA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Triton College	CNA	\$56 per credit hour	Fall, Spring, Summer	60 per year	None	N/A	1 (02)	10%
Waubensee Community College	CNA	\$64 per credit hour	N/A	144 per semester	N/A	N/A	126 (02)	N/A
Wilbur Wright College	CNA	\$62 per credit hour	Throughout the year	250-300 per year	N/A	9-14 weeks	196 (02)	10%
William Rainey Harper College	CNA	\$71 per credit hour	Fall, Spring, Summer	60 per program	None	1 semester	N/A	1%

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Licensed Practical Nurse

“Practical nursing” means the performance of nursing acts requiring the basic nursing knowledge, judgment, and skill acquired by means of completion of an approved practical nursing education program. Practical nursing includes assisting in the nursing process as delegated by and under the direction of a registered professional nurse. The practical nurse may work under the direction of a licensed physician, dentist, podiatrist, or other health care professional determined by the Department.

A license is required for practice in Illinois as an LPN. Schools (programs) must be approved by the Illinois Department of Professional Regulation to offer LPN education. All programs must be at least one year in length.

Producer	Type of Degree	Cost	Frequency	Capacity	Waiting List	Length of Program	Completions	Attrition
Chicago Public Schools High School LPN Program/Crane High School	LPN	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dawson Technical Institute (Kennedy-King College)	LPN	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Elgin Community College	LPN	\$70 per hour	Fall, Spring	80 per year	N/A	1 years	1 (02)	N/A
Humboldt Park Vocational Center	LPN	N/A	2 times per year	N/A	Yes (# N/A)	N/A	N/A	N/A
Joliet Junior College	LPN	\$68 per credit hour	2 times per year	60 per year	236	1 year	69 (02)	N/A
Joliet Township High School Practical Nursing Program	LPN	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Kankakee Community College	LPN	\$60 per credit hour	Fall	50 per year	30	1 year	138 (02)	N/A
Kishwaukee Community College	LPN	\$5,000	Fall, Spring	70 per year	250	4 weeks (after 1 year of RN degree program)	18 (02)	N/A
Morton College	LPN	\$55 per credit hour	1 time per year	77 per year	Yes (# N/A)	1 year	40-45 per year	40%
Oakton Community College	LPN	\$62 per semester	Fall, Spring	80 – Fall 32 - Spring	26	1 year	N/A	N/A
South Suburban College	LPN	\$64 per credit hour	Fall	50 per year	None	1 year	34 (02)	67%
Triton College	LPN	\$56 per credit hour	N/A	N/A	N/A	2 semesters	75 (02)	N/A
William Rainey Harper College	LPN	\$71 per credit hour	Fall	130 per year	Alternate list of 100	1 year	95 (03)	20%

Medical Laboratory Technician

Clinical laboratory technicians perform simple tests and laboratory procedures. Technicians may prepare specimens and operate automated analyzers or they may perform manual tests in accordance with detailed instructions. They may work in several areas of the clinical laboratory or specialize in just one. Histotechnicians cut and stain tissue specimens for microscopic examination by pathologists, and phlebotomists collect blood samples. They usually work under the supervision of medical and clinical laboratory technologists or laboratory managers.

There is no specific degree requirement for Medical Laboratory technicians in Illinois although the Hospital Licensing Act and other facility regulations or standards may indicate an Associate degree as the preferred credential. Technologists in the lab need a bachelors degree in

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Medical Laboratory Science and phlebotomists are usually trained on the job.

Producer	Type of Degree	Cost	Frequency	Capacity	Waiting List	Length of Program	Completions	Attrition
Elgin Community College	Associates	\$70 per credit hour	N/A	16 per year	N/A	4 semesters, 1 summer	6 (02)	N/A
Kankakee Community College	Associates	\$60 per credit hour	N/A	14 per year	N/A	4 semesters, 1 summer	3 (02)	N/A
Malcolm X College	Associates	\$47.50 per credit hour	N/A	N/A	N/A	N/A	9 (02)	N/A
Oakton Community College	Associates	\$62 per credit hour	Fall	18 per year	Yes (#N/A)	4 semesters, 1 summer	2 (02)	N/A

Medical Records and Health Information Technician

Medical records and health information technicians organize and evaluate medical records for completeness and accuracy. They regularly communicate with physicians or other healthcare professionals to clarify diagnoses or to obtain additional information. They code each diagnosis and procedure. Technicians assign the patient to one of several hundred "diagnosis-related groups," or DRGs. The DRG determines the amount for which the hospital will be reimbursed if the patient is covered by Medicare or other insurance programs using the DRG system. Technicians who specialize in coding are called health information coders, medical record coders, coder/abstractors, or coding specialists. In addition to the DRG system, coders use other coding systems, such as those geared towards ambulatory settings or long-term care.

There is no specific required credential for this occupation in Illinois but the accepted and recommended degree is an Associate Degree for the Medical Records technician or a certificate in coding.

Producer	Type of Degree	Cost	Frequency	Capacity	Waiting List	Length of Program	Completions	Attrition
Chicago State University	Bachelors	\$111 per credit hour	Flexible	20 per year	None	4 years	7 (02)	10%
College of DuPage	Associates	\$50 per credit hour	4 times per year	20 per year	None	2 years	5 (02)	N/A
College of Lake County	Associates	\$52 per credit hour	Flexible	15 per year	None	2 years	12-13 per year	17-18%
Joliet Junior College	Certificate	\$68 per credit hour	Flexible	Unlimited	None	2 semesters, 1 summer	N/A	N/A
Moraine Valley Community College	Associates	\$1,908 per year	June	24 per year	None	6 semesters	33 (02)	10%
Morton College	Certificate	\$55 per year	Flexible	Unlimited	None	2 semesters	N/A	N/A
Northwestern Business College	Certificate	\$275 per credit hour	Fall, Spring	20-25 per program	None	6 quarters	N/A	10%
Oakton Community College	Certificate	\$62 per credit hour	N/A	40 per year	N/A	3-5 semesters	21 (02)	N/A
University of Illinois at Chicago	Bachelors	\$3,221 per semester	Fall	20 per year	None	4 years	16 (02)	Less than 1%

Physical Therapy Assistant

"Physical therapist assistant" means a person licensed to assist a physical therapist and who has met all requirements as provided in this Act and

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who works under the supervision of a licensed physical therapist to assist in implementing the physical therapy treatment program as established by the licensed physical therapist. The patient care activities provided by the physical therapist assistant shall not include the interpretation of referrals, evaluation procedures, or the planning or major modification of patient programs.

Physical Therapy Assistants in Illinois must be licensed and one of the requirements for licensure is graduation with an Associate degree in PT Assisting. The schools below are those in the Northeast Economic Development region that have been approved by the Illinois Department of Professional Regulation to confer this degree.

Producer	Type of Degree	Cost	Frequency	Capacity	Waiting List	Length of Program	Completions	Attrition
College of DuPage	Associates	\$135 per credit hour	Fall	20 per year	None	7 quarters	13 (02)	10%
Morton College	Associates	\$55 per credit hour	Fall	24 per year	Yes (# N/A)	4 semesters	9 (02)	12%
Oakton Community College	Associates	\$62 per credit hour	Fall	24 per year	N/A	2 years and 2 summers	16 (02)	16%

Respiratory Therapist

Respiratory care" and "cardiorespiratory care" include, but are not limited to, direct and indirect services in the implementation of treatment, management, disease prevention, diagnostic testing, monitoring, and care of patients with deficiencies and abnormalities associated with the cardiopulmonary system, including (i) a determination of whether such signs and symptoms, reactions, behavior, and general response exhibit abnormal characteristics and (ii) implementation of treatment based on the observed abnormalities, of appropriate reporting, referral, respiratory care protocols, or changes in treatment pursuant to the written, oral, or telephone transmitted orders of a licensed physician.

Respiratory therapists in Illinois do not need licenses to practice and may be trained by the employer on the job, or alternately in a program leading to a degree in Respiratory Care. "Respiratory Care Practitioner" is a licensed professional in Illinois and must have at least an Associate Degree in Respiratory Care.

Producer	Type of Degree	Cost	Frequency	Capacity	Waiting List	Length of Program	Completions	Attrition
Chicago State University	Bachelors	\$111 per credit hour	Flexible	20 per year	None	4 years	7 (02)	10%
Advocate Trinity Hospital	Associates	\$53 per credit hour	Fall	20 per year	40	21 months	9 (03)	15%
College of DuPage	Associates	\$50 per credit hour	Fall, summer	36 per year	20	2 years	33 (02)	25%
Kankakee Community College	Associates	\$60 per credit hour	N/A	16 per year	N/A	2 years	6 (02)	N/A
Malcolm X College	Associates	\$47.50 per credit hour	Fall	50 per year	N/A	N/A	6 (02)	N/A
Moraine Valley College	Associates	\$53 per credit hour	Fall	76 per year	N/A	4 semesters, 1 summer	15 (02)	N/A
Olive-Harvey College	Associates	\$52 per credit hour	N/A	20 per year	N/A	N/A	1 (02)	N/A
St. Augustine College	Associates	\$297 per credit hour	N/A	N/A	N/A	66 credit hours	31 (02)	N/A
Triton College	Associates	\$56 per credit hour	Fall	30 per year	200 applicants	2 years	14 (03)	10%

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Medical Social Worker

"Clinical social work practice" means the providing of mental health services for the evaluation, treatment, and prevention of mental and emotional disorders in individuals, families and groups based on knowledge and theory of psychosocial development, behavior, psychopathology, unconscious motivation, interpersonal relationships, and environmental stress. Clinical Social Workers in Illinois must have at least a Masters degree and completion of supervised clinical experience prior to licensure.

"Licensed social worker" means a person who holds a license authorizing the practice of social work, which includes social services to individuals, groups or communities in any one or more of the fields of social casework, social group work, community organization for social welfare, social work research, social welfare administration or social work education. Social casework and social group work may also include clinical social work, as long as it is not conducted in an independent practice, as defined in this Section. Licensed social workers in Illinois must possess at least a bachelors degree in Social Work.

Producer	Type of Degree	Cost	Frequency	Capacity	Waiting List	Length of Program	Completions	Attrition
Institute for Clinical Social Work	Doctorate	\$12,100 per year	Fall	N/A	N/A	4 years	N/A	N/A

Surgical/Operating Room Technician

Assist in surgical operations under the supervision of surgeons, registered nurses, or other surgical personnel. Before an operation, surgical technologists help prepare the operating room by setting up surgical instruments and equipment, sterile drapes, and sterile solutions. They assemble both sterile and nonsterile equipment, as well as adjust and check it to ensure it is working properly. Prepare patients for surgery by washing, shaving, and disinfecting incision sites. Transport patients to the operating room, help position them on the operating table, and cover them with sterile surgical "drapes." Observe patients' vital signs, check charts, and assist the surgical team with putting on sterile gowns and gloves.

During surgery, technologists pass instruments and other sterile supplies to surgeons and surgeon assistants. Hold retractors, cut sutures, and help count sponges, needles, supplies, and instruments. Prepare, care for, and dispose of specimens taken for laboratory analysis and help apply dressings. Some operate sterilizers, lights, or suction machines, and help operate diagnostic equipment.

After an operation, may help transfer patients to the recovery room and clean and restock the operating room.

Licensure is not required in Illinois to assist as a surgical or operating room technician but licensure is available for those persons completing an approved program and obtaining certification in this critical skill shortage occupation. Many surgeons and/or hospitals train their own surgical assistants.

Producer	Type of Degree	Cost	Frequency	Capacity	Waiting List	Length of Program	Completions	Attrition
College of DuPage	Certificate and Associates	\$50 per credit hour	N/A	27, Cert. 27, Assoc.	N/A	4 Quarters, Cert.	21 (02)	N/A
College of Lake County	Certificate	\$52 per credit hour	Summer	20 per year	Yes (# N/A)	4 semesters, 2 summers	4 (03)	50%

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Elgin Community College	Certificate	\$70 per credit hour	N/A	24 per year	N/A	3 semesters	12 (02)	N/A
Malcolm X College	Certificate	\$52 per credit hour	Fall	65 per year	N/A	5 semesters, 1 summer	11 (02)	N/A
Prairie State College	Certificate	\$61 per credit hour	Fall	N/A	N/A	2 years	N/A	40%
Triton College	Certificate	\$56 per credit hour	Fall	40 per year	170	Three semesters	19 (02)	5%