

Learn More About Health Careers



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Fact Sheet

Career Field:	<u>Alcohol & Drug Counselor (Certified)</u>
Description:	Alcohol and Drug Counselors are responsible for the case management of a caseload of patients. They coordinate professional team input, family and patient goals to formulate individualized treatment plans.
Educational Requirements:	Masters Degree in Behavioral Health or equivalent 2 years experience in the field Certification License, CPA
Other Related Career Fields:	Social Workers, Psychologist, Mental Health Counselors, Rehabilitation Counselors
Professional Organizations:	<ul style="list-style-type: none">• The Association for Addiction Professionals - www.naadac.orgAmerican Academy of Healthcare Providers - www.americanacademy.org

Fact Sheet

Career Field:	<u>Anesthesiology</u>
Description:	Anesthesiology is the field in which both anesthesiologists and nurse anesthetists work together. Physicians in the field of anesthesiology, in addition to ensuring the patients comfort during surgery, make medical judgments to protect and regulate the patient's bodily functions which are affected by the surgery being performed. This begins with making sure the patient is in optimal condition for surgery, continue through the surgery and into the post-operative period. Many anesthesiologists are also involved in the specialties of critical care and pain management.
Educational Requirements:	Anesthesiologist - Medical Degree plus 4-year residency Nurse Anesthetist - Master of Science Degree plus 2-year nurse anesthesia school Anesthesia Technician – High School diploma or equivalent. Six months-1 yr. experience
Typical Job Opportunities: (Typical Places of Employment)	Operating Rooms, Intensive Care Units, Labor and Delivery, Pain Clinics, Ambulatory Surgery Centers
Other Related Career Fields:	
Professional Organizations:	American Society of Anesthesiologists – www.asahg.org Park Ridge, IL 60068

Fact Sheet

Career Field:	<u>Audiology</u>
Description:	A professional concerned with normal and defective hearing, prevention of hearing loss, identification of hearing loss, and rehabilitation of those who have hearing loss.
Educational Requirements:	Master's Degree in Audiology and satisfactory performance of a year's supervised clinical practice.
Typical Job Opportunities: (Typical Places of Employment)	Hospitals, Private Practice, Universities, Physician's Offices, Schools, and Clinics
Other Related Career Fields:	Speech-Language Pathology
Professional Organizations:	<ul style="list-style-type: none">• American Speech Language and Hearing Association - www.asha.org• American Academy of Audiology - www.audiology.org• Academy of Dispensing Audiologists - www.audiologist.org• State Associations

Fact Sheet

Career Field:	<u>Cardiac Rehabilitation</u>
Description:	Assist patients recovering from coronary health disease; monitor EKG during exercise, teach health education and counsel to achieve optimal cardiovascular health and fitness.
Education Requirements:	<ul style="list-style-type: none">• Registered Nurse Degree• Masters in Exercise Physiology and Focus in Cardiac Rehabilitation
Typical Job Opportunities: (Typical Places of Employment)	<ul style="list-style-type: none">• RN – job placement opportunity throughout hospital• Clinical Exercise Physiologist – cardiac rehab, wellness and fitness
Other Related Career Fields:	Wellness and Fitness
Professional Organizations:	AACVPR: American Association of Cardiovascular and Pulmonary Rehabilitation

Fact Sheet

Career Field:	<u>Cardiovascular Technician</u>
Description:	Provides technical and clinical assistance to physicians and care to patients during all phases of cardiac procedures.
Education Requirements:	High School graduate. Current RT license in State of Illinois and current AART registry. BCLS Certification, ACLS Certification, and RCIS Certification.
Typical Job Opportunities: (Typical Places of Employment)	Hospital Cardiac Cath Lab
Professional Organizations:	<ul style="list-style-type: none">• Alliance of Cardiovascular Professionals - www.acp.online.org

Fact Sheet

Career Field:	<u>Cardiovascular Technician, (Stress Tech)</u>
Description:	A specialized technologist trained for completing cardiovascular stress testing and holter scanning.
Educational Requirements:	Certified Cardiac Technician preferred. Any previous medical experience is a plus. Previous experience with computers, data entry also a plus.
Typical Job Opportunities: (Typical Places of Employment)	Hospitals, Outpatient Clinics, MD Offices
Other Related Career Fields:	EKG editing and transcription

Fact Sheet

Career Field:	<u>Care Manager, Nursing</u>
Description:	Provide comprehensive indirect patient care as it related to level of care and patient throughput. Comprehend the business side of healthcare with clinical expertise, for the promotion of good patient outcomes. Actively, collaborate with physicians, social workers, nurses and other associates to coordinate safe discharge planning to home.
Educational Requirements:	BSN in Nursing, preferred Illinois Nursing License
Typical Job Opportunities: (Typical Places of Employment)	Acute Care Hospitals
Other Related Career Fields:	Utilization Management Nurse
Professional Organizations:	<ul style="list-style-type: none">• American Case Management Association• ANCC

Fact Sheet

Career Field:	<u>Central Processing</u>
Description:	Responsible for providing centralized decontamination, cleaning, assembly, storage and distribution of all applicable supplies and instrumentation for treatment and care of patients in the surgical areas, nursing units and ancillary areas of the hospital.
Educational Requirements:	High School Diploma for entry level. Certification in Central Service Technology - 2 weeks course and certification exam offered by IAHC SMM correspondence course through Purdue University.
Typical Job Opportunities: (Typical Places of Employment)	Hospitals, Health Care Centers, Manufacturers of Sterile Products
Other Related Career Fields:	Industrial Sterile Processing
Professional Organizations:	<ul style="list-style-type: none"> • International Assoc. of Healthcare Central Service Material Management (IAHC SMM) - www.iahcsmm.org • Chicago Association of Healthcare Central Service Personnel (CAHCSP) • American Society for Healthcare Central Service Professionals (ASHCP's) - www.hospitalconnect.com

Fact Sheet

Career Field:	<u>Child Life</u>
Description:	A program that meets the emotional needs of hospitalized infant/children/teens through therapeutic play activities.
Educational Requirements:	A bachelors degree (in a child related field such as child development, child life, child psychology; recreational therapy, early childhood education, etc.). Effective beginning in 2020, all newly credentialed Certified Child Life Specialists must hold an advanced degree from an academic program that has been accredited by Child Life Council. A Child Life internship is required: Child Life Certification is needed.
Personal Qualifications:	Excellent communication skills (with children, parents, staff); high energy; enthusiasm; creativity; organizational skills; leadership, compassion; motivation to be self-directed, yet able to work within a team approach to patient care; maturity; flexibility and a positive disposition.
Job Opportunities: (Place of Employment)	Hospitals – particularly Children’s Hospitals or large teaching hospitals
Other Related Career Fields:	Teaching, day care, programs for children with special needs, pre-school, and recreation in a psychology program, park district, residential center, hospital community education programs: Lekotek (adaptive play) centers; children’s grief counselor; wish granting coordinator (for agencies like Make-A-Wish) and children’s support group program coordinator (for programs like Gilda’s Club, providing support to families affected by cancer); and Child Health Resource Center coordinator.
Professional Organizations:	Child Life Council, Inc. 11821 Parklawn Dr., Suite 310 Rockville, MD 20852-2539 301-881-7092 or 800-252-4515 www.childlife.org

Fact Sheet

Career Field:	<u>Chiropractic Physician</u>
Description:	A physician who uses conservative non-drug methods for treating disease and neuro-musculoskeletal ailments of the human body. Method of treatment consists primarily of skeletal manipulation of the joints with adjunctive treatments of physiotherapy, nutritional counseling, exercise rehabilitation, acupuncture, homeopathy and other natural methods.
Educational Requirements:	90 semester hours of college credit or a college degree including 8 hrs. of: biology, physics, general chemistry, and organic chemistry with labs. Mathematics and biochemistry are also helpful.
Employment:	Associate positions, hospital and HMO position, professional sports team doctor, teaching and research positions, overseas positions, etc.
Other Related Career Fields:	Chiropractors may become board certified in the following: <ul style="list-style-type: none"> • Orthopedics, Neurology, Radiology, Physical • Medicine, Physical Therapy, Acupuncture, • Homeopathy
Professional Organizations:	<ul style="list-style-type: none"> • American Chiropractic Association - www.amerchiro.org • International Chiropractic Association - www.chiropractic.org • Chiropractic Diplomat Association of: Neurology, Radiology, Orthopedics, Pediatrics, Homeopathy, Internists, Nutritionist and Rehabilitation

Fact Sheet

Career Field:	<u>Clinical Engineering/Biomedical Electronics</u>
Description:	Biomedical Equipment Tech
Educational Requirements:	Electrical Engineering Technology 2 years A.A.S. with Physiology 4 years B.S. with Physiology
Typical Job Opportunities: (Typical Places of Employment)	Hospitals, Equipment Manufacturers; Third Party Repair Service, Research and Development
Other Related Career Fields:	Magnetic Resonance Imaging Service Radiology Service, Radiation Therapy Service
Professional Organizations:	<ul style="list-style-type: none"> • Association for the Advancement of Medical Instrumentation (AAMI) - www.aami.org • Clinical Engineering Association of Illinois - http://www.ceaiweb.org • American College of Clinical Engineers (ACCE) - www.accenet.org
Other Related Career Fields:	Medicine, Science
Professional Organizations:	<ul style="list-style-type: none"> • American Dental Association - www.ada.org • Dental Lab Technician – www.dcpartners.com/dental-lab-technician-job.htm

Fact Sheet

Career Field:	<u>Consumer Health Education</u>
Description:	Consumer Health Resource Center Coordinator Children's Health Resource Center
Educational Requirements:	Varies, usually bachelor's or master's degree in related field: Nursing, Library Science, Allied Health, Public Health, Community Health, Certified Health Education Specialist, Consumer Health Librarian
Typical Job Opportunities: (Typical Places of Employment)	Hospitals Medical/Public Libraries Businesses/Corporations Organizations Public Health
Other Related Career Fields:	Nursing, Advanced Practice Nursing Medical Librarian Community Health Education Patient Education Public Health
Professional Organizations:	<ul style="list-style-type: none"> • American Nurses Association - http://nursingworld.org/ • CAPHIS, the Consumer and Patient Health Information Section, Medical Library Association - http://caphis.mlanet.org/ • Health Care Education Association - http://www.hcea-info.org/ • Society for Public Health Education - http://www.sophe.org/ • The National Commission for Health Education Credentialing – http://www.nchec.org/

Fact Sheet

Career Field:	<u>Dentistry</u>
Description:	Clinical, Teaching, Research
Educational Requirements:	College Degree, BS, BA, DDS Degree, MS (or Board Certification in recognized specialty)
Typical Job Opportunities: (Typical Places of Employment)	Private Practice Hospital and/or University Practice Research
Other Related Career Fields:	Medicine Medical Related Fields Research
Professional Organizations:	<ul style="list-style-type: none">• American Dental Association - www.ada.org• Illinois State Dental Society - www.isds.org• Chicago Dental Society - www.chicagodentalsociety.org• + 100 other organizations

Fact Sheet

Career Field:	<u>Dentistry:</u> Dental Assistant
Description:	
Educational Requirements:	High School plus possible D. A. Certificate
Typical Job Opportunities: (Typical Places of Employment)	Private Office or Clinic
Other Related Career Fields:	Medicine, Science
Professional Organizations:	<ul style="list-style-type: none">• American Dental Assistant Association - www.dentalassistant.org• American Dental Association - www.ada.org• Chicago Dental Society - www.chicagodentalsociety.org

Fact Sheet

Career Field:	<u>Dentistry:</u> Dental Hygienist
Description:	
Education Requirements:	High School plus BS or Specialty Program - 2 Years
Typical Job Opportunities: (Typical Places of Employment)	Private Office, Clinic, Teaching, Public Health
Other Related Career Fields:	Medicine, Science
Professional Organizations:	<ul style="list-style-type: none">• American Dental Hygienists' Association - www.adha.org• American Dental Association - www.ada.org• Chicago Dental Society - www.chicagodentalsociety.org

Fact Sheet

Career Field:	<u>Dentistry:</u> Dental Lab Technician
Description:	
Educational Requirements:	Lab Tech School and/or Apprenticeship
Typical Job Opportunities: (Typical Places of Employment)	Laboratory, Clinic, Private Office
Other Related Career Fields:	Medicine, Science
Professional Organizations:	<ul style="list-style-type: none">• American Dental Association - www.ada.org• Dental Lab Technician – www.dcpartners.com/dental-lab-technician-job.htm

Fact Sheet

Career Field:	<u>Dietitian, Registered</u>
Description:	Responsibilities may include providing nutrition education to patients, community groups, and health professionals; screening, assessing, and monitoring the nutritional status of patients and developing recommendations for improvements; assessing diets/menus for nutritional adequacy; public speaking regarding nutrition; supervising/managing nutrition programs or dietary departments.
Educational Requirements:	A Registered Dietitian (R.D.) has a Bachelor's degree in nutrition or dietetics. Also, an R.D. has gained practical experience through an approved program within the school curriculum, through an internship or through a Master's program. Following completion of educational requirements and practical experience, the successful completion of a registration exam entitles a person to the Registered Dietitian classification. Certain states (including Illinois) require licensure.
Typical Job Opportunities: (Typical Places of Employment)	<ul style="list-style-type: none"> • Hospital - Clinical or Administrative • Nursing Home - Clinical, Administrative, or Consultant • Private Practice • Food Company/Industry • Community Agencies • Research • State Agencies • Teacher/Professor • Public Health
Other Related Career Fields:	<ul style="list-style-type: none"> • <u>Dietetic Technician, Registered (D.T.R.)</u> - requires an associate's degree, practical experience and successful completion of an exam. • <u>Dietary Manager</u> - requires associate's degree or one-two years of approved course work. • <u>Executive Chef</u> - an associate's degree is suggested, including appropriate course work and practical experience in a full-service food service establishment.
Professional Organizations:	<ul style="list-style-type: none"> • American Dietetic Association - www.eatright.org

Fact Sheet

Career Field:	<u>Doctor of Medicine</u>
	Examples of specialties: Allergy Immunology, Anesthesiology, Cardiovascular Surgery, Emergency Medicine, Family Medicine, General Surgery, Obstetrics/Gynecology, Internal Medicine, Nephrology, Neurology, Oncology, Ophthalmology, Orthopedics, Otolaryngology, Pathology, Pediatrics, Psychiatry, Radiology, Thoracic Surgery, Urology, plus many others.
Description:	Care for the ill and injured, attempts to prevent diseases and restore patients to health.
Educational Requirements:	College, Medical School, Residency training in a hospital, post residency Fellowship in a hospital for a subspecialty
Typical Job Opportunities: (Typical Places of Employment)	Private Practices, Group Practices, Hospitals, Medical Schools
Other Related Career Fields:	Research, Teaching, Management
Professional Organizations:	<ul style="list-style-type: none"> • American Medical Association (AMA) - www.ama-assn.org • Illinois State Medical Society - www.isms.org • American Academy of Ophthalmology - www.aao.org • Many others depending on specialty

Fact Sheet

Career Field:	<u>Doctor of Medicine:</u> Emergency Medicine
Description:	Evaluate, treat, and stabilize patients seeking emergency medical care. Treat patients of all ages and health problems.
Educational Requirements:	4 years College 4 years Medical School 3-4 years Residency Training
Typical Job Opportunities: (Typical Places of Employment)	Hospitals
Other Related Career Fields:	Occupational Medicine, Travel Medicine, Public Health, Toxicology, Sport Medicine
Professional Organizations:	<ul style="list-style-type: none">• American College of Emergency Physicians - www.acep.org• American Board of Emergency Medicine - www.abem.org

Fact Sheet

Career Field:	<u>Doctor of Medicine:</u> Emergency Medicine - Pediatric
Description:	Treating children presenting in emergency department under 16 years of age.
Educational Requirements:	M.D. with Pediatric Residency and Pediatric Emergency Fellowship
Typical Job Opportunities: (Typical Places of Employment)	Large hospitals with Pediatric Emergency division or Children's Hospitals
Other Related Career Fields:	Pediatric Subspecialties
Professional Organizations:	<ul style="list-style-type: none">• American Medical Association - www.ama-assn.org• American Academy of Pediatrics - www.aap.org

Fact Sheet

Career Field:	<u>Doctor of Medicine:</u> Family Medicine
Description:	Care for people of all ages, deliver babies, practice preventive medicine, practice acute care medicine and care for patients with ongoing problems
Educational Requirements:	BA or BS + MD or DO + 3 years Residency
Typical Job Opportunities: (Typical Places of Employment)	Private Practice, Teaching Practice, Hospital Practice, Government Practice, Care of the underserved & Mission field
Other Related Career Fields:	See above
Professional Organizations:	<ul style="list-style-type: none">• Illinois Academy of Family Physicians - www.iafp.com• American Academy of Family Physicians - www.aafp.org• American Board of Family Medicine - www.abfm.org

Fact Sheet

Career Field:	<u>Doctor of Medicine:</u> Gastroenterology - Hepatology
Description:	Diagnosis and management of diseases of the digestive tract, liver and pancreas.
Educational Requirements:	3 years training in Internal Medicine 3 years training in Gastroenterology
Typical Job Opportunities: (Typical Places of Employment)	Joining established Practice Groups; Academic Careers
Professional Organizations:	<ul style="list-style-type: none">• American Gastroenterological Association - www.gastro.org• American College of Gastroenterology - www.acg.gi.org• American Association for the Study of Liver Disease- www.aasld.org• American Liver Foundation Illinois Chapter - www.illinois-liver.org

Fact Sheet

Career Field:	<p><u>Doctor of Medicine:</u></p> <p>Internal Medicine</p>
	Examples of Sub-specialties internal medicine: Allergy Immunology, Nephrology, Oncology, Gastroenterology, Rheumatology, Infectious Diseases etc.
Description:	Care for the adult patient, specialize in chronic diseases as well as preventive care. Act as an advocate for their patient and help coordinate primary and specialty care.
Educational Requirements:	College, Medical School, Residency training in a hospital, post residency Fellowship in a hospital for a subspecialty
Typical Job Opportunities: (Typical Places of Employment)	Private Practices, Group Practices, Hospitals, Medical Schools
Other Related Career Fields:	Research, Teaching, Management
Professional Organizations:	<ul style="list-style-type: none"> • American Medical Association (AMA) - www.ama-assn.org • Illinois State Medical Society - www.isms.org • Many others depending on specialty

Fact Sheet

Career Field:	<u>Doctor of Medicine:</u> Neonatology
Description:	Pediatrician having undergone specialized training in the care of newborn disease states and the care of prematurity.
Educational Requirements:	College Undergraduate Degree 4 yrs. Medical School 3 yrs. Pediatric Residency 3 yrs. Neonatology Fellowship
Typical Job Opportunities: (Typical Places of Employment)	Employed by a hospital in an NICU (Neonatal Intensive Care Unit) or SCN (Special Care Nursery)
Professional Organizations:	<ul style="list-style-type: none">• American Academy of Pediatrics - www.aap.org• Vermont Oxford Network Neonatal Collaborative (VON)

Fact Sheet

Career Field:	<u>Doctor of Medicine:</u> Neurosurgery
Description:	Specializing in surgery of the brain and spine. Private practices, group practices, hospitals, medical schools.
Educational Requirements:	4 years College 4 years Medical School 6-7 years Residency
Typical Job Opportunities: (Typical Places of Employment)	Private Practice Academics
Other Related Career Fields:	Neurology Surgery Orthopedics
Professional Organizations:	<ul style="list-style-type: none">• American Association of Neurological Surgeons - www.aans.org• Congress of Neurological Surgeons - www.neurosurgeon.org

Fact Sheet

Career Field:	<u>Doctor of Medicine:</u> Obstetrics and Gynecology
Description:	Specializing in women's healthcare needs: delivering babies, abdominal and vaginal surgery.
Educational Requirements:	College (4 years) Medical School (4 years) Residency Training (4 years) Fellowship (this is optional and can range from 2-3 years of additional training in a subspecialty; see subspecialties listed in the section below on other related career fields)
Typical Job Opportunities: (Typical Places of Employment)	Hospitals, Office Practice, Universities
Other Related Career Fields:	Gynecologic Oncology (Fellowship required) Maternal Fetal Medicine (Fellowship required) Minimally Invasive Gynecologic Surgery (Fellowship required) Pediatric Gynecology Reproductive Endocrinology and Infertility Urogynecology (Fellowship Required)
Professional Organizations:	<ul style="list-style-type: none"> • American College of Obstetrics and Gynecology - www.acog.org

Fact Sheet

Career Field:	<p><u>Doctor of Medicine:</u></p> <p>Ophthalmology</p>
Description:	<p>As a "Family Practice" for the eyes, ophthalmology practice encompasses the discipline of Medicine and Surgery, and the treatment of the young and older age groups of both sexes. Many subspecialties exist within this specialty, i.e., Glaucoma, Cornea, Neuro-Ophthalmology, General Medicine, Pediatrics, Retina, Plastics, Uveitis.</p>
Educational Requirements:	<p>College Degree Medical School (4 yr.) Internship (1 yr.) Residency (3 yr.) Fellowship (optional) - (1-2 yr.)</p>
Typical Job Opportunities: (Typical Places of Employment)	<p>Private Practice (Solo, Group, Multispecialty) - Military HMO University/Academic</p>
Salary Range:	<p>Varies by setting - Competitive with other curriculum subspecialty disciplines</p>
Professional Organizations:	<ul style="list-style-type: none"> • American Academy of Ophthalmology - www.aaopt.org

Fact Sheet

Career Field:	<p><u>Doctor of Medicine:</u></p> <p>Orthopedic Surgery</p>
Description:	The field of medicine specializing in the non surgical and surgical treatment and care of injuries and disorders of bones, muscles, and ligaments of upper and lower extremities and the spine. This includes fractures, sprains, and arthritic conditions.
Educational Requirements:	<p>College Undergraduate Degree</p> <p>Medical School Degree: M.D. - 4 years</p> <p>Orthopedic Surgery Residency: 5 years</p>
Typical Job Opportunities: (Typical Places of Employment)	Urban, suburban, or larger rural areas in all states
Other Related Career Fields:	<p>Other areas of medicine</p> <p>Family Practitioners specializing in Sports Medicine</p> <p>Physical Therapy</p> <p>Athletic Trainers</p>
Professional Organizations:	<ul style="list-style-type: none"> • American Academy of Orthopedic Surgeons - www.aaos.org • American Board of Orthopedic Surgery - www.abos.org • American College of Surgeons - www.facs.org

Fact Sheet

Career Field:	<p><u>Doctor of Medicine:</u></p> <p>Pediatric Critical Care Medicine</p>
Description:	Pediatrician having undergone specialized training in caring for adolescents, children and infants who have serious illnesses or injuries.
Educational Requirements:	College Undergraduate Degree 4 yrs medical school 3 yrs Pediatric Residency 3 yrs Pediatric Critical Care Medicine Fellowship
Typical Job Opportunities: (Typical Places of Employment)	Employed by a hospital in a Pediatric Critical Care Unit (PICU). Most intensivists work in critical care centers at hospitals to diagnose and treat emergency conditions.
Other Related Career Fields:	Many intensivists conduct independent research and compose original papers based on their own clinic and experimental findings.
Professional Organizations:	<ul style="list-style-type: none"> • American Academy of Pediatrics – www.aap.org • American Board of Pediatrics – www.abp.org • Society of Critical Care Medicine – sccm.org

Fact Sheet

Career Field:	<u>Doctor of Medicine:</u> Pulmonology, Pediatric
Description:	A physician that treats pediatric patients with acute and chronic respiratory conditions such as: cystic fibrosis, home respirator patients, neuro-muscular disorders, sleep apnea, asthma, recurrent pneumonia and preemies.
Educational Requirements:	M.D. in Pediatrics - then a Fellowship in Pediatric Pulmonology (3-4 years after residency)
Typical Job Opportunities: (Typical Places of Employment)	Hospitals, clinics and private practice
Other Related Career Fields:	Pediatrics, other subspecialties
Professional Organizations:	<ul style="list-style-type: none">• American Academy of Pediatrics - www.aap.org• Subspecialties umbrella under this main organization

Fact Sheet

Career Field:	<u>Doctor of Medicine:</u> Surgery (General)
Educational Requirements:	5 years of Surgical Residency following Medical School
Professional Organizations:	<ul style="list-style-type: none">• American College of Surgeons - www.facs.org

Fact Sheet

Career Field:	<u>Dosimetrist</u>
Description:	Under the direction of a Radiation Oncologist and general supervision of a Medical Physicist, produces external beam treatment plans (with alternatives) for radiation therapy patients by use of a treatment planning computer. Generally supervises each patient's treatment and provides assistance to radiation therapists as needed.
Educational Requirements:	<p>Option 1: Graduation from a JRCERT accredited Medical Dosimetry Program. Various program options are available including Bachelor and Master's level degrees.</p> <p>Option 2: Must meet all three of these requirements:</p> <ul style="list-style-type: none"> A. 36 months of on-the-job training/clinical dosimetry experience B. any Bachelor's Degree OR ARRT registration in Radiation Therapy C. completion of 24 MDCB approved continuing education credits
Typical Job Opportunities: (Typical Places of Employment)	Hospitals, Academic Medical Centers, Free Standing Clinics, and Equipment Vendors
Other Related Career Fields:	Radiation Therapy, Medical Physics, Health Management, Education, Application Specialist, Quality Management, Medical Research
Professional Organizations:	<ul style="list-style-type: none"> • American Association of Medical Dosimetrists (AAMD) • Medical Dosimetry Certification Board (MDCB) • American Registry for Radiologic Technologist (ARRT)

Fact Sheet

Career Field:	<u>Echo Sonographer (Heart Station)</u>
Description:	<p>Echocardiography is the use of ultrasound to demonstrate cardiac anatomy, chamber sizes, pumping strength and valve motion. The ultrasound can detect fluid around the heart, blood clots or masses in the heart and abnormal holes between heart chambers. More specifically, echo doppler identifies the amount of heart valve narrowing and leakage.</p> <p>These echo images can be combined with an exercise stress test to provide the physician with information regarding whether the heart muscle itself is receiving adequate blood supply through the heart arteries so it can adequately pump during vigorous exercise.</p>
Educational Requirements:	<p>There are specialized college programs (2 years) dedicated to cardiac ultrasound. A clinical component is integrated into the program. *Board certification is preferred and soon will be mandatory.</p> <p>For more information see website: www.harpercollege.edu. Click on "health careers," click on "diagnostic cardiac sonographers certificate."</p>
Typical Job Opportunities: (Typical Places of Employment)	These technical skills can be used in a hospital setting as well as clinics, physician's office, mobile or registry services.
Other Related Career Fields:	Vascular or General Ultrasound Technologist
Professional Organizations:	<ul style="list-style-type: none"> • American Registry of Diagnostic Medical Sonographers - www.ardms.org • Society of Diagnostic Medical Sonographers - www.sdms.org • Society of Echo Technologists

Fact Sheet

Career Field:	<u>EKG Technologist (Heart Station)</u>
Description:	A specialized technologist trained for completing electrocardiograms. 50% of work is patient related/focused.
Educational Requirements:	Any previous medical experience is a plus. Previous experience with computers/data entry also a plus.
Typical Job Opportunities: (Typical Places of Employment)	Hospitals, Outpatient Clinics, Doctors' Offices
Other Related Career Fields:	Holter monitor application and removal EKG editing and transcription
Professional Organizations:	<ul style="list-style-type: none">• American Society of Radiologic Technologists – www.asrt.org

Fact Sheet

Career Field:	<u>Electroneurodiagnostic Technician (EEG) and Sleep Technician (Registered)</u>
Description:	Performs electroencephalograms, sleep studies, staging and scoring sleep studies. Occasionally monitors during surgeries.
Educational Requirements:	Associates Degree in the field of Neurodiagnostic
Typical Job Opportunities: (Typical Places of Employment)	
Other Related Career Fields:	One could do routine electroencephalograms, sleep studies, staging and scoring sleep studies, monitoring during surgeries, evoked potentials, training others, educational opportunities.
Professional Organizations:	American Association of Sleep Technologists American Board of EEG Technologists America Board of Intraoperative Technologists

Fact Sheet

Career Field:	<u>Emergency Medical Technician (EMT - Paramedic)</u>
Description:	Provides advanced cardiac and trauma life support care in the pre-hospital and intra-hospital setting. Includes basic life support care, cardiac monitoring, cardiac defibrillation, electrocardiography, intravenous therapy, medication administration and trauma care.
Educational Requirements:	EMT-B Certification - 200 hour course EMT-P Certification - 900 + hour course in addition to clinical requirements (ambulance calls and hospital rotations)
Typical Job Opportunities: (Typical Places of Employment)	Fire Departments, Private Ambulance Services, Medical Military Units
Other Related Career Fields:	Firefighter Emergency Department Technician
Professional Organizations:	<ul style="list-style-type: none"> • The National Registry of Emergency Medical Technicians – www.nremt.org

Fact Sheet

Career Field:	<u>Funeral Director/Embalmer</u>
Description:	Disinfect, preserve, and restore human remains to a presentable condition for the family and public. To conduct the funeral process in a suitable and ethical manner.
Educational Requirements:	<ul style="list-style-type: none">• Most states require an A.A., A.A.S., B.A. from an accredited Mortuary Science College• Pass the State and National Board Exams
Typical Job Opportunities: (Typical Places of Employment)	Funeral Homes, Funeral Services, Trade Embalmers
Other Related Career Fields:	Coroner or Medical Examiner Investigator, Pathology Assistant
Professional Organizations:	<ul style="list-style-type: none">• National Funeral Directors Association (NFDA) - www.nfda.org• Illinois Funeral Directors Association (IFDA) - www.ifda.org• Funeral Directors Service Association (FDSA)

Fact Sheet

Career Field:	<u>Genetics Counseling</u>
Description:	Genetics counselors are health professionals with specialized graduate degrees and experience in the area of medical genetics and counseling. Genetics counselors work as members of a health care team, providing information and support to families who have members with birth defects or genetic disorders and to families who may be at risk for a variety of inherited conditions.
Educational Requirements:	Master of Science from one of the 28 training programs in genetic counseling. In addition, a certification exam given by the American Board of Genetic Counseling.
Typical Job Opportunities: (Typical Places of Employment)	<ul style="list-style-type: none"> • 43% work in university medical centers • 21% work in private hospital settings • 10% work in a public hospital medical facility • 2% work for state or federal departments of health • 4% work in private practices, generally OB/GYN or pediatrics • 5% work for HMOs or other prepaid health plans • 6% work in a diagnostic laboratory • 9% other
Other Related Career Fields:	Cytogenetics, Research Genetics, Medical Genetics, Molecular Genetics
Professional Organizations:	<ul style="list-style-type: none"> • National Society of Genetic Counselors - www.nsgc.org • American Society of Human Genetics - www.genetics.faseb.org/genetics • American College of Medical Genetics - www.acmg.net • American Board of Genetic Counseling - www.abgc.net/genetics/abgc/abgcenv.shtml

Fact Sheet

Career Field:	<u>Health and Fitness:</u> Exercise Physiologist (Clinical)
Description:	Works with client/patient populations in clinical or private settings. Develops and provides fitness testing, exercise and fitness testing and training as well as health education for primary and secondary risk prevention in the apparently healthy or those at high risk or diagnosed with cardiovascular, pulmonary, musculoskeletal/neuromuscular, metabolic, immunological/hematological, or orthopedic disease.
Educational Requirements:	Masters Degree or Doctorate in Exercise Science or related field. American College of Sports Medicine certified
Typical Job Opportunities: (Typical Places of Employment)	<u>Hospitals:</u> (Cardiac Rehab, Pulmonary Rehab, Sports-Medicine Clinic). <u>Corporations and Public Health Settings:</u> Own Business, Health, Fitness and/or Wellness club Director/Manager, Sports Teams, Community Centers, YMCA's, Residential Living Fitness Centers, Health Clubs, University Fitness/Wellness Center, Resort/Spas: Personal Trainer, Wellness Coach, Athletic Coach, Group Fitness Instructor, Teacher/Lecturer for Health & Fitness and Exercise Physiology Subjects, teach Sports & Athletics classes at College or University. Exercise related consulting and for research, public health, and other clinical and non-clinical services and programs.
Other Related Career Fields:	Health Promotion, Public Health, Cardiac Rehabilitation, Wellness Management, Education
Professional Organizations:	<ul style="list-style-type: none"> • American College of Sports Medicine - www.acsm.org • American Association of Cardiovascular & Pulmonary Rehabilitation - www.aacvpr.org • National Wellness Association - www.nationalwellness.org

Fact Sheet

Career Field:	<u>Health and Fitness:</u> Group Exercise Instructor
Description:	Teach a variety of group exercise classes.
Educational Requirements:	High School Degree or higher
Typical Job Opportunities: (Typical Places of Employment)	Fitness Center, Park District, Spa/Resorts
Other Related Career Fields:	Fitness Specialist, Personal Trainer
Professional Organizations:	<ul style="list-style-type: none">• Aerobics & Fitness Education & Certification - www.afa.com• American Council on Exercise - www.acefitness.org• American College of Sports Medicine - www.acsm.org

Fact Sheet

Career Field:	<u>Health and Fitness:</u> Massage Therapist
Description:	Manual manipulation of soft tissues of the body to promote health.
Educational Requirements:	High School diploma At least 18 years of age 600-1000 hrs American Massage Therapy Association approved schools
Typical Job Opportunities: (Typical Places of Employment)	Fitness Centers, Private Practice, Hospitals, Chiropractic, Sports Medicine, Spas
Other Related Career Fields:	Physical Therapy, Chiropractic
Professional Organizations:	<ul style="list-style-type: none">• American Massage Therapy Association (AMTA) – www.amtamassage.org• Association of Bodywork & Massage Professionals (ABMP) – www.abmp.com

Fact Sheet

Career Field:	<p><u>Health and Fitness:</u></p> <p>Personal Trainer</p>
Description:	Provides one-on-one fitness training to maximize the efficiency of the workout; to ensure safe and proper training and to provide individual attention & motivation.
Educational Requirements:	BS or MS degree in Exercise Physiology or related field
Typical Job Opportunities: (Typical Places of Employment)	Self-employed, Fitness Center, Sports Teams
Other Related Career Fields:	Exercise Physiologist, Group Exercise Instructor
Professional Organizations:	<ul style="list-style-type: none"> • American Council on Exercise - www.acefitness.org • American College of Sports Medicine - www.acsm.org • Cooper Institute - www.cooperinst.org • National Strength and Conditioning Association - www.nasca-lift.org

Fact Sheet

Career Field:	<u>Health Care Administrator</u>
Description:	The Health Care Administrator is involved in strategic planning, directing and developing services. She is responsible for budgeting and ongoing fiscal affairs. She may be in a line or staff position.
Educational Requirements:	Master's Degree in Hospital Administration, Business Administration, Nursing Administration or other related field
Typical Job Opportunities: (Typical Places of Employment)	Hospitals, HMO's, Physician Group Practice, Nursing Homes, Consulting Firms, and any other firm that is in a health care related business
Other Related Career Fields:	Public Health Long Term Care
Professional Organizations:	<ul style="list-style-type: none">• American College of Healthcare Executives - www.ache.org• American Organization of Nurse Executives - www.aone.org

Fact Sheet

Career Field:	<u>Health Information Management, (H.I.M.), Health Information Technology, (H.I.T.), Coding Specialist and Cancer Registry</u>
Description:	<p>Health Information Manager – a manager as well as an information specialist</p> <p>Health Information Technologist - performs a variety of jobs from technical to supervisory</p> <p>Coding Specialist - expert in classifying medical data to expedite billing and reporting</p> <p>Cancer Registrar – collects and abstracts data for state reporting</p>
Educational Requirements:	<p>HIM – Bachelor Degree in Health Information Management and is eligible to take a credentialing exam (RHIA – Registered Health Information Administrator)</p> <p>HIT – Associate Degree in Health Information Technology and is eligible to take a credentialing exam (RHIT – Registered Health Information Technician)</p> <p>Code Specialist – No degree necessary, need to sit for coding exam in order to acquire credentials (CCS – Certified Coding Specialist). Two years of coding experience is recommended before taking the test, but is not required.</p> <p>Cancer Registrar – Associate Degree in Cancer Management Information approved by National Cancer Registrars Association and eligible to take credentialing exam (CTR – Certified Tumor Registrar).</p>
- continued on next page -	

Health Information Management, (H.I.M.), Health Information Technology, (H.I.T.), Coding Specialist and Cancer Registry (cont'd.)

<p>Typical Job Opportunities: (Typical Places of Employment)</p>	<p>Variety of positions in Hospitals, including in HIM Department Director, Manager or Supervisor, Inpatient Coder, Outpatient Coder, Quality Management/Performance Improvement Specialist, and Revenue Cycle Coordinator, Physician Offices, Insurance Companies, Extended Care Facilities, Law Firms, Software Vendors, Consulting Firms, Release of Information Companies, Medical Billing Firms, Schools and Universities, Work at home opportunities</p>
<p>Other Related Career Fields:</p>	<p>Consultant</p>
<p>Professional Organizations:</p>	<ul style="list-style-type: none"> • American Health Information Management Association (AHIMA) - www.ahima.org • Chicago Area Health Information Management Association (CAHIMA) – www.IHIMA.org • Illinois Health Information Management Association (IHIMA) - www.IHIMA.org • National Cancer Registry Association (NCRA) - www.ncra-usa.org • Illinois Cancer Registrar - www.cri-il.org

Fact Sheet

Career Field:	<u>Health Sciences Librarianship</u>
Description:	“Health sciences librarians promote access to health information for all...provide leadership and expertise in the design, development, and ethical management of knowledge-based information systems that meet the information needs of the institution.” --Goals & Principles for Ethical Conduct of the MLA.
Educational Requirements:	Master’s Degree from a program accredited by the American Library Association
Typical Job Opportunities: (Typical Places of Employment)	Hospitals, Medical Schools, Healthcare Corporations, Health Professions Associations, Research Institutions, Internet Service & Content Providers
Other Related Career Fields:	Information Technology, Web Administration, Database Development, Public Health
Professional Organizations:	<ul style="list-style-type: none">• Medical Library Association – www.mlanet.org• American Medical Informatics Association – www.amia.org• American Library Association – www.ala.org• Special Library Association – www.sla.org

Fact Sheet

Career Field:	<u>Hospital Community Relations</u>
Description:	Responsibilities include facilitating the hospital's Healthy Community Partnerships with area communities, coordinating, prioritizing and facilitating local government relations as well as managing relationships with industry leaders, school and church officials, and area community service organizations. Position is also responsible for keeping hospital staff informed of community happenings
Educational Requirements:	Master's Degree in Business, Health Education, Health Administration or Social Science
Typical Job Opportunities: (Typical Places of Employment)	Hospitals and large businesses
Other Related Career Fields:	Public and Government Relations
Professional Organizations:	<ul style="list-style-type: none"> • American Hospital Association - www.aha.org • American College of Healthcare Executives - www.ache.org • Association for Community Health Improvement - www.aha.org/communityhlth/about/vision.html • No website specific to this career

Fact Sheet

Career Field:	<u>Hospital Infection Control and Epidemiology</u>
Description:	An Infection Control Professional (ICP) is a nurse, physician, epidemiologist or medical technologist involved with Infection Control/Epidemiology in health care or industry settings.
Educational Requirements:	3-5 years of hospital or related health care experience. Most ICPs have a nursing background with additional courses in Microbiology, Statistics, Epidemiology and Public Health. Certification in Infection Control is through testing every 5 years.
Typical Job Opportunities: (Typical Places of Employment)	ICPs work in a variety of settings from acute care, long-term care, rehab, outpatient, health departments, etc.
Other Related Career Fields:	Quality Improvement, Epidemiology, Risk Management and Occupational Health
Professional Organizations:	<ul style="list-style-type: none">• Association for Professionals in Infection Control and Epidemiology (APIC) - www.apic.org

Fact Sheet

Career Field:	<u>Human Resources:</u> Recruiter
Description:	This position sources, screens, interviews and evaluates candidates to determine their competencies and qualifications for employment.
Educational Requirements:	Bachelor Degree with or equivalent in area of business, management, communications, industrial psychology. 2-3 years of Human Resources Generalist background.
Typical Job Opportunities: (Typical Places of Employment)	Any size company or Executive Search Firms
Professional Organizations:	<ul style="list-style-type: none">• National Human Resources Association - www.humanresources.org• Society for Human Resource Management - www.shrm.org• International Foundation of Employee Benefits Plans - www.ifebp.org

Fact Sheet

Career Field:	<u>Human Resources:</u> Specialist
Description:	Provides a full range of associate relations services to support the Advocate strategic initiatives and ensures that human resource policies are applied consistently and fairly, according to our mission, values, and philosophy, and within the bounds of legal compliance.
Educational Requirements:	Bachelor's Degree with 3-5 years of HR generalist or employee relations experience. Demonstrated leadership skills.
Typical Job Opportunities: (Typical Places of Employment)	Hospitals, Universities, Major Corporations
Professional Organizations:	<ul style="list-style-type: none"> • Society for Human Resource Management - www.shrm.org • Human Resources Certification - www.hrci.org

Fact Sheet

Career Field:	<u>Laboratory Health Professional:</u> Cytogenetics - Cytogenetic Technologist
Description:	Cytogenetic technologists look for inherited genetic disorders. These diseases are detected using biochemical and chromosomal analyses. Recently, using DNA technology detection of additional inherited diseases has now become possible. Cytogenetic technologists play a key role in performing these complex tests quickly and accurately to help with patient care.
Educational Requirements:	A Bachelor of Science degree is required plus a year's training in a certified school of cytogenetics. Professional registration is obtained after passing a national certification exam.
Typical Job Opportunities: (Typical Places of Employment)	Most technologists are employed in hospitals. Others are employed in private laboratories, armed forces, government agencies, research and pharmaceutical companies, and educational institutions.
Other Related Career Fields:	Molecular Genetics Medical Technology
Professional Organizations:	<ul style="list-style-type: none"> • Association of Genetic Technologists - www.agt-info.org

Fact Sheet

Career Field:	<u>Laboratory Health Professional:</u> Cytotechnology
Description:	Examine cell samples under the microscope looking for early signs of cancer.
Educational Requirements:	Hospitals, For-Profit Laboratories, Clinics, Public Health Facilities
Other Related Career Fields:	Cytogenetics Electron Microscopy Technology
Professional Organizations:	<ul style="list-style-type: none">• American Society of Cytotechnology (ASC) - www.asct.com• American Society of Clinical Pathology (ASCP) - www.ascp.org

Fact Sheet

Career Field:	<p><u>Laboratory Health Professional:</u></p> <p>Electron Microscopy Technologist - Electron Microscopist Professional Certification from the Microscopy Society of America</p>
Description:	<p>Electron microscopy examination is the utilization of electron microscopy and its associated methods in all of their ramifications (TEM, Transmission Electron Microscopy, SEM Scanning Electron Microscopy & HVEM, High Voltage Electron Microscopy), for the study of human disease. Electron microscopy is used to study the cell ultra structure to have a more definitive diagnosis.</p>
Educational Requirements:	<p>Minimum Level Qualifications:</p> <ul style="list-style-type: none"> • Bachelor Degree in Related Science <p>Certification:</p> <ul style="list-style-type: none"> • Electron Microscopy Technologist • Registered Technologist HTL, MT(ASCP)
Typical Job Opportunities: (Typical Places of Employment)	<p>Hospitals, Research</p>
Professional Organizations:	<ul style="list-style-type: none"> • Midwest Society of Electron Microscopists - www.msa.microscopy.com/msalas/mmms/mmms_homepage.html • Microscopy Society of America - www.msa.microscopy.com

Fact Sheet

Career Field:	<u>Laboratory Health Professional:</u> Histotechnologist
Description:	Histology is a structural science which demonstrates cellular morphology, chemical composition and function of normal and abnormal tissue. Many dyes and chemicals are used in histology. The chemical reactions produce colors which make it possible to distinguish tissue structures. Histotechnologists prepare human, animal or plant tissue for microscopic examination.
Educational Requirements:	Four years of college or bachelor's degree and a year of professional school of histotechnology. Or degree in medical technology and on the job training.
Typical Job Opportunities: (Typical Places of Employment)	Patient and Health Care, Industrial and University Research, Marine Biology, Pharmaceutical Testing, Botany, Veterinary Science
Other Related Career Fields:	Medical Technologist
Professional Organizations:	<ul style="list-style-type: none"> • American Society of Clinical Pathologists - www.ascp.org • American Society of Clinical Laboratory Science - www.ascls.org

Fact Sheet

Career Field:	<u>Laboratory Health Professional:</u> Medical Laboratory Scientist
Description:	This position works performs a wide range of diagnostic laboratory procedures on various types of clinical specimens. Work may include sub-specialty testing in blood banking (transfusion medicine), chemistry, hematology, immunology, or microbiology. The diagnostic test information that a Medical Laboratory Scientist provides to physicians and nursing staff influences the medical treatment a patient will receive.
Educational Requirements:	<ul style="list-style-type: none"> • Bachelor's degree in Medical Technology (or life science degree) • Internship experience in an accredited MT training program (3 yr college plus internship or 4 yr college plus internship depending on certification)
Typical Job Opportunities: (Typical Places of Employment)	<ul style="list-style-type: none"> • Hospital Clinical Laboratory • Health Clinic Laboratory • Commercial Reference Laboratory • Clinical Lab reagent, supply or equipment manufacturer • State Regulatory and National Accreditation Agencies
Other Related Career Fields:	Cytologist, Histologist, Medical Lab Technician, Lab Assistant, Phlebotomist, Specialist in Blood Bank, Chemistry, Hematology, Immunology, Microbiology, etc.
Professional Organizations:	<ul style="list-style-type: none"> • American Society for Clinical Pathologists (ASCP) • American Society for Clinical Laboratory Science (ASCLS) • American Clinical Laboratory Association (ACLA) • American Associate of Clinical Chemistry (AACC) • American Association of Blood Banks (AABB)

Fact Sheet

Career Field:	<u>Laboratory Health Professional:</u> Laboratory Assistant
Description:	This position performs a wide range of laboratory procedures on blood and various other types of clinical specimens. Work may include lab specimen collections (blood collections), specimen processing, and/or performing limited lab test procedures under the direction of a Medical Laboratory Scientist.
Educational Requirements:	High School diploma
Typical Job Opportunities: (Typical Places of Employment)	<ul style="list-style-type: none">• Hospital Clinical Laboratory• Health Clinic Laboratory• Commercial Reference Laboratory• Physician Office
Other Related Career Fields:	Medical Lab Technician, Histologist, Phlebotomist
Professional Organizations:	

Fact Sheet

Career Field:	<u>Laboratory Health Professional:</u> Phlebotomy
Description:	Collection of blood samples through venous access or skin puncture for laboratory testing. May also be trained in performing waived or minimally complex laboratory test procedures
Educational Requirements:	High School diploma
Typical Job Opportunities: (Typical Places of Employment)	<ul style="list-style-type: none">• Hospital Clinical Laboratory• Health Clinic Laboratory• Physician Office
Other Related Career Fields:	Very Good.
Professional Organizations:	Medical Lab Technician, Laboratory Assistant

Fact Sheet

Career Field:	<u>Material Management</u> Material's Manager, Surgical Services
Description:	Responsible for leadership and providing efficient processes for supply/equipment acquisition, inventory and operational budget monitoring for surgical services
Educational Requirements:	Bachelor Degree, BA, BS, BSN
Typical Job Opportunities: (Typical Places of Employment)	Hospitals, Manufacturing Companies
Other Related Career Fields:	Inventory Management Purchasing
Professional Organizations:	<ul style="list-style-type: none"> • International Association of Healthcare Central Service Material Management - www.iahcsmm.com • Certification in Healthcare Material Management Concepts - www.iahcsmm.com/chmmc.htm

Fact Sheet

Career Field:	<u>Medical Assistant (Certified)</u>
Description:	A multi-skilled paraprofessional in a medical facility, primarily in a physician's office or clinic who assist physician in office practice by performing clerical and clinical duties.
Educational Requirements:	High School diploma and 1 year at a medical office assistant school accredited by the American Medical Associations Commission on Accreditation of Allied Health Education Programs (CAAHEP).
Typical Job Opportunities: (Typical Places of Employment)	Ambulatory care settings, physician offices, outpatient clinics and military units
Other Related Career Fields:	LPN
Professional Organizations:	<ul style="list-style-type: none">• (AAMA) American Association of Medical Assistants – www.aama-ntl.org

Fact Sheet

Career Field:	<u>Medical Illustration</u>
Description:	Anatomical and surgical illustration for text books, patient education and medical-legal work
Educational Requirements:	Usually a Master's Degree from an accredited program, but can be self-taught
Typical Job Opportunities: (Typical Places of Employment)	Medical Centers, Pharmaceutical Companies, Prosthetic Companies
Other Related Career Fields:	Medical Prosthetics
Professional Organizations:	<ul style="list-style-type: none">• Association of Medical Illustrators - www.medical-illustrators.org

Fact Sheet

Career Field:	<u>Medical Imaging (Radiology):</u> Computed Tomography (CT)
Description:	Using a combination of x-rays and computer technology to develop diagnostic images.
Educational Requirements:	Completion of a two or four year program in Radiologic Technology. On the job training in C.T. or completion of a certificate course in C.T.
Typical Job Opportunities: (Typical Places of Employment)	Hospitals and Medical Centers
Other Related Career Fields:	Diagnostic Radiography, MRI, Special Procedures
Professional Organizations:	<ul style="list-style-type: none"> • American Registry of Radiologic Technologists (ARRT) – www.arrt.org/web • American Society of Radiologic Technologists (ASRT) – www.asrt.org • Illinois Dept. of Nuclear Safety (IDNS) – http://www.iema.illinois.gov/ • Illinois State Society of Radiologic Technologists (ISSRT) – www.issrt.org

Fact Sheet

Career Field:	<u>Medical Imaging:</u> Mammography (Mammographer)
Description:	Performs mammographies, core biopsies, needle localizations, galactograms, and other specialized studies of the breast.
Educational Requirements:	Completed a two or four year program in Radiologic Technology
Typical Job Opportunities: (Typical Places of Employment)	Hospitals, outpatient clinics, and doctors offices. Sales, applications, marketing
Other Related Career Fields:	Diagnostic Radiography, Computed Tomography, Ultrasonography, Special Procedures, MRI, Radiation Therapy, Nuclear Medicine, Cardiac Catheterization
Professional Organizations:	<ul style="list-style-type: none"> • American Society of Radiologic Technologists - www.asrt.org • American Registry of Radiologic Technologists - www.arrt.org/web • Illinois Department of Nuclear Safety - http://www.iema.illinois.gov/ • Illinois State Society of Radiologic Technology - www.issrt.org

Fact Sheet

Career Field:	<u>Medical Imaging:</u> MRI Technologist
Description:	Magnetic Resonance Imaging (MRI) is a procedure that creates images of the body using radio waves in conjunction with extremely powerful magnets.
Educational Requirements:	Graduate from accredited program making you eligible for taking national boards.
Typical Job Opportunities: (Typical Places of Employment)	Hospitals, Clinics, Applications, Sales
Other Related Career Fields:	X-ray Technology, Echocardiography, Vascular, Nuclear Medicine, MRI
Professional Organizations:	<ul style="list-style-type: none">• American Registry of Radiologic Technologist - www.arrt.org• American Society of Radiologic Technologist - www.asrt.org

Fact Sheet

Career Field:	<u>Medical Imaging:</u> Radiographer
Description:	Radiographers use knowledge of physics, human anatomy and physiology to create permanent medical images.
Educational Requirements:	Completed a two or four year program in Radiologic Technology
Typical Job Opportunities: (Typical Places of Employment)	Hospitals, private medical clinics, sales, marketing, research and education
Other Related Career Fields:	Computerized Tomography, Ultrasonography, Special Procedures, MRI, Mammography, Radiation Therapy, and Nuclear Medicine
Professional Organizations:	<ul style="list-style-type: none"> • American Registry of Radiologic Technologist (ARRT) – www.arrt.org/web • American Society of Radiologic Technologist (ASRT) – www.asrt.org • Illinois State Society of Radiologic Technologist (ISSRT) – www.issrt.org • Illinois Department of Nuclear Safety (ISNS) – http://www.iema.illinois.gov/

Fact Sheet

Career Field:	<u>Medical Imaging:</u> Special Procedures
Description:	Assists Radiologists in performing diagnostic angiograms and therapeutic interventional type procedures ensuring quality patient care.
Educational Requirements:	Radiologic Technology Training Certification or Associates Degree in Radiologic Technology. Registered by American Registry of Radiologic Tomology. Current certification in CPR.
Typical Job Opportunities: (Typical Places of Employment)	Hospitals and medical centers
Other Related Career Fields:	Cardiac Catheterization, Diagnostic Radiology, Mammography, C.T. Ultrasonography, Nuclear Medicine
Professional Organizations:	<ul style="list-style-type: none"> • Association of Vascular and Interventional Radiographers (AVIR) www.avir.org • American Registry of Radiology Technology - www.arrt.org/web • Illinois State Society of Radiologic Technology - www.issrt.org • American Society of Radiologic Technologists - www.asrt.org • Illinois Department of Nuclear Safety - http://www.iema.illinois.gov

Fact Sheet

Career Field:	<u>Medical Imaging:</u> Ultrasonographer
Description:	To perform a wide variety of invasive and non-invasive procedures by utilizing a wide variety of sophisticated sonographic equipment to aid in the clinical diagnosis. To record and document images, history, and other pertinent clinical information for analysis and interpretation by the radiologists.
Educational Requirements:	Graduate from accredited program making you eligible for taking national boards.
Typical Job Opportunities: (Typical Places of Employment)	Hospitals, Clinics, Doctors Office, Applications, Sale
Other Related Career Fields:	X-ray Technology, Echocardiography, Vascular, Nuclear Medicine, MRI
Professional Organizations:	<ul style="list-style-type: none"> • American Registry of Diagnostic Medical Sonographers - www.ardms.org • Society of Diagnostic Medical Sonographers - www.sdms.org • American Registry of Radiologic Technologist - www.arrt.org • American Society of Radiologic Technologist - www.asrt.org • American Institute of Ultrasound in Medicine - www.aium.org

Fact Sheet

Career Field:	<u>Medical Physicist</u>
Description:	Under the direction of a Radiation Oncologist reviews and creates brachytherapy and external beam treatment plans utilizing radiation and radiation physics concepts and advanced computing technologies. Assist in advisement of patient's treatment and quality and safety checks of treatment devices and machines.
Educational Requirements:	Option 1: Graduation from a Medical Physics (M.S. Program or PhD Program). Undergraduate degree in Physics or completion of several upper division General Physics courses. Option 2: After 2014 to be board eligible must complete: A) Medical Physics Residency Program (2 year)
Typical Job Opportunities: (Typical Places of Employment)	Hospitals, Academic Medical Centers, Free Standing Clinics, and Equipment Vendors
Other Related Career Fields:	Radiation Therapy, Medical Dosimetry, Health Management, Education, Application Specialist, Quality Management, Medical Research
Professional Organizations:	American Association of Physicists in Medicine (AAPM) American Board of Radiology (ABR)

Fact Sheet

Career Field:	<u>Medical Photography</u>
Description:	Photographer in health care setting. Commercial, editorial, clinical, surgical and copy photography on location and in studio.
Educational Requirements:	B.A. Photography
Typical Job Opportunities: (Typical Places of Employment)	Hospital media departments
Other Related Career Fields:	Ophthalmic Photography Photomicrography
Professional Organizations:	<ul style="list-style-type: none">• Biocommunications Association - www.bca.org• Health Science Communications Association - www.hesca.org• Biological Photographers Association (B.P.A.)

Fact Sheet

Career Field:

Medical Records

Refer to Page 41

“Health Information Management, (H.I.M.), Health Information Technology, (H.I.T.), Coding Specialist and Cancer Registry”

Fact Sheet

Career Field:	<u>Medical Video Production</u>
Description:	Script, write, produce, shoot and edit videos for patient education, staff training and corporate communications.
Educational Requirements:	B.A. in Broadcasting and Film, Television Production or Broadcast Journalism
Typical Job Opportunities: (Typical Places of Employment)	Production houses and major medical centers
Other Related Career Fields:	Medical Photography, Web Development, Audio Visual Technology, Medical Illustration and Graphic Design
Professional Organizations:	<ul style="list-style-type: none">• International Television Association (ITVA) - www.itvadc.org• Health & Science Communications Association (HESCA) - www.hesca.org

Fact Sheet

Career Field:	<u>Music Therapist in General Medical Hospital</u>
Description:	In a hospital setting, music therapy is the intentional and compassionate use of sound and rhythm to facilitate the healing process. People of all ages and illnesses are referred by various health care professionals for music therapy. Individual and group sessions are implemented to address the needs of the patient. Most often music therapy is used to reduce pain, anxiety, and increase emotional and spiritual support. Patients play instruments, write songs, sing, use relaxation techniques with music and learn how music can be helpful in reducing stress.
Educational Requirements:	Bachelor's Degree in Music Therapy Board Certification in Music Therapy Master's and Doctoral degrees also available
Typical Job Opportunities: (Typical Places of Employment)	Long-Term Care Facilities, Hospitals, Psychiatric Facilities, Rehabilitation Centers, Special Schools, Treatment Centers and Wellness Centers
Other Related Career Fields:	Creative Arts Therapists Recreation Therapists Rehabilitation Counseling Special Education
Professional Organizations:	<ul style="list-style-type: none"> • American Music Therapy Association - www.musictherapy.org

Fact Sheet

Career Field:	<u>Nuclear Medicine</u>
Description:	Reads nuclear medicine scans on patients after injection of radioactive material.
Educational Requirements:	Medical School Internal Medicine or Radiology Residency Nuclear Medicine Residency
Typical Job Opportunities: (Typical Places of Employment)	Hospitals and Clinic
Other Related Career Fields:	Radiology
Professional Organizations:	<ul style="list-style-type: none">• Society of Nuclear Medicine - www.snm.org• American College of Nuclear Physicians - www.acnponline.org

Fact Sheet

Career Field:	<u>Nuclear Medicine Technology</u>
Description:	A diagnostic service which utilizes radioactive materials to study body functions. High tech equipment enhances acquisition of complex imaging in 3D and real time
Educational Requirements:	Associate Degree or BS Degree. Strong background in Biological/Anatomical and Physiological Sciences. Math and computer skills are a plus.
Typical Job Opportunities: (Typical Places of Employment)	Hospitals, Private Labs, Physician's Office
Other Related Career Fields:	Ultrasound, MRI, PET
Professional Organizations:	<ul style="list-style-type: none"> • American Society of Radiologic Technologist - www.asrt.org • Nuclear Med. Technology Certification Board - www.nmtcb.org • Society of Nuclear Medicine - www.snm.org • American Nuclear Society - www.ans.org

Fact Sheet

Career Field:	<u>Nursing:</u> Anesthesia (Certified Registered Nurse Anesthetists – CRNA)
Description:	An advanced clinical nurse specialty. Administers approximately 65% of the 26 million anesthetics given to patients in the U.S. each year.
Educational Requirements:	<ul style="list-style-type: none"> • B.S. in Nursing • Nursing License • One or more years of acute care nursing experience (required for admission to CRNA program) • CRNA – Master’s Degree in Science/Nurse • Anesthetist (24-36 months) • Pass Certification Examination
Typical Job Opportunities: (Typical Places of Employment)	Hospital Operating Rooms, Labor & Delivery, Ambulatory Surgery Centers
Professional Organizations:	American Association of Nurse Anesthetists 222 South Prospect Avenue Park Ridge, IL 60068 847-692-7050 www.aana.com

Fact Sheet

Career Field:	<u>Nursing:</u> Care Coordinator Care Manager Pediatric Surgery
Description:	Manage pediatric patient through the preoperative, intraoperative, and postoperative period. Provide patient, family, and staff with pediatric surgical information in an effort to provide quality care.
Educational Requirements:	MSN Pediatric Nursing
Typical Job Opportunities: (Typical Places of Employment)	Community Hospital, Medical Centers
Other Related Career Fields:	Any advanced nurse role (i.e., PNP - Pediatric Nurse Practitioner; CNS - Clinical Nurse Specialist)
Professional Organizations:	<ul style="list-style-type: none"> • American Pediatric Surgical Nursing Organization (APSNA) - www.apsna.org

Fact Sheet

Career Field:	<p><u>Nursing:</u></p> <p>General</p> <p>Nursing is a profession focused on helping individuals, families, and communities to maintain health, prevent disease and recover from illness throughout their life span. This care delivery can occur in many different settings.</p>
Description:	Individuals entering nursing should be compassionate, caring, intelligent, people-oriented and organized.
Educational Requirements:	<p>High School preparation: Biology, Chemistry, Mathematics, Speech, Physics, Advanced Mathematics, Social Studies, Psychology</p> <p>Two Types of basic educational programs:</p> <ul style="list-style-type: none"> • Associate Degree of Applied Science in Nursing (ADN) is a two-year program usually based at Junior or Community Colleges. • Bachelor of Science Degree in Nursing (BSN) is a 4-year program based at a college or university. <p>After successful completion of either of these two programs, a nurse becomes licensed by successfully completing a comprehensive national examination.</p> <p>Opportunities for advanced degrees exist with a focus in advanced clinical practice, education, research and leadership.</p>
Examples of Job Opportunities:	Hospitals, physician offices, ambulatory care centers, schools, health care clinics, insurance companies, nursing homes, industry, home health
Other Related Career Fields:	Nurse Practitioner, Clinical Nurse Specialist, Nursing Informatics, Trauma Nursing, Flight Nursing, Nurse Midwife, Nurse Anesthetist, Nurse Consultant
Professional Organizations:	<ul style="list-style-type: none"> • American Nurses Association - www.nursingworld.org • Associations in the specialized areas

Fact Sheet

Career Field:	Nursing: Gerontological
Description:	Gerontological nurses perform assessments and interventions specific to the physical and emotional health needs of the older adult patient. They are leaders in the organization they serve to help educate other care givers to the needs of these patients including health promotion, and patient safety.
Education Requirements:	A gerontological nurse is a registered nurse who has a BSN and passed a certification exam by a credentialing organization for gerontological nursing. This nurse may also be either a Nurse Practitioner or Clinical Nurse Specialist who has a MSN and practices with a gerontologist and/or has passed an advanced practice nursing certification exam in gerontological nursing.
Typical Job Opportunities: (Typical Places of Employment)	Hospitals in adult care areas, nursing homes, home health care agencies.
Professional Organizations:	National Gerontological Nursing Association - http://www.ngna.org/

Fact Sheet

Career Field:	<u>Nursing:</u> Heart Station/Nuc. Med. Procedural Nurse Specialist
Description:	A nurse with ICU experience who assists with medication administration and monitoring of adult and pediatric patients undergoing diagnostic procedures - cardiac, renal and vascular procedures. Nurse also manages ICU or ER patients in the department.
Educational Requirements:	RN, BSN a plus ICU experience Peds IV and Peds sedation experience a plus
Typical Job Opportunities: (Typical Places of Employment)	Hospitals, MD offices, outpatient clinics
Other Related Career Fields:	Nurses support all the mandatory (i.e., CPR) and requested educational needs of the heart station, vascular and nuclear med. departments.

Fact Sheet

Career Field:	<u>Nursing:</u> Home Health Care
Description:	To provide assessment and teaching in the client's home environment to facilitate self care. Help prevent the occurrence of an illness and promote the client's well being. Besides nursing, there are also home care opportunities in respiratory therapy, physical therapy, occupational therapy, social work, health care administration and sales.
Educational Requirements:	Associate Degree of Applied Science in Nursing (ADN) Bachelor of Science Degree in Nursing (BSN)
Typical Job Opportunities: (Typical Places of Employment)	Public Health Department Home Care Agency Hospital-based home care agency
Other Related Career Fields:	Physical Therapy Occupational Therapy Speech Therapy Recreational Therapy Respiratory Therapy
Professional Organizations:	<ul style="list-style-type: none"> • National Association for Home Care - www.nahc.org • American Nurses Association - www.nursingworld.org • Illinois Nurses Association - www.illinoisnurses.org

Fact Sheet

Career Field:	<p><u>Nursing:</u></p> <p>Infusion Nurse IV Team (Venous Access Device Team)</p>
Description:	<p>IV Starts; PICC Line Insertion; Troubleshooting with Lines. Recommends assessment for appropriate lines.</p> <p>The infusion nurse specialist is a registered nurse (RN) who through study, supervised practice, and validation of competency, has acquired knowledge and developed skills necessary for the practice of infusion nursing.</p> <p>Protect and preserve the patient's right to safe, quality care and protect the nurse who administers.</p> <p>Infusion nursing practice is based upon the following:</p> <ul style="list-style-type: none"> • Knowledge of anatomy and physiology • Specific knowledge and understanding of the vascular system and its relationship with other body systems and infusion treatment modalities • Participation in the establishment of the patient's ongoing plan of care • Skills necessary for the administration of infusion therapies • Knowledge of psychosocial aspects of care, including a sensitivity to the patient's wholeness, uniqueness, and significant social relationships, along with knowledge of community and economic resources <p>Interaction and collaboration with members of the healthcare team and participation in the clinical decision-making process infusion therapy</p>
Educational Requirements:	Nursing Degree, IV Skills, PICC Line Training
Typical Job Opportunities: (Typical Places of Employment)	Hospitals; Home Care
- continued on next page -	

Nursing: Infusion Nurse IV Team (Venous Access Device Team) (cont'd.)

Job Outlook:	In Demand
Salary Range:	Same as Nursing
Professional Organizations:	<ul style="list-style-type: none">• Infusion Nurses Society (INS) - www.insl.org Provides the national standards and publications regulating our field• National Association of Vascular Access Network (NAVAN) - www.navannet.org Provides many publications, guidelines, studies and position papers that direct our field.• League of Intravenous Therapy Education (LITE) - www.lite.org Educate the health care community on intravenous therapy and publications

Fact Sheet

Career Field:	<u>Nursing:</u> Neonatal Intensive Care (NICU)
Description:	The occupation's purpose is to care for premature newborns and those with birth defects, heart conditions or other medical complications that require extended hospital stay. The word "neonatal" actually refers to the first 28 days of a baby's life, although neonatal nurses offer care until babies are well enough to be discharged from the hospital--which can take many months.
Educational Requirements:	Educational programs vary in length from two to four years. Those programs that are two years are offered at a community or junior college and lead to an Associate Degree. Four-year programs are based at a college or university setting and result in a Bachelor of Science Degree in Nursing. A comprehensive national exam is required.
Typical Job Opportunities: (Typical Places of Employment)	Hospitals: Work involves one of three levels of infant care. Level I nurseries house healthy newborns and are less common because of short hospital stays. Level II nurseries house infants who need extra care to develop properly. Level III nurseries are neonatal intensive care units (NICUs), which house premature and other newborns with serious life-threatening conditions that require ventilators, incubators and other specialized medical equipment
Other Related Career Fields:	Neonatal Nurse Practitioner (NNP)
Professional Organizations:	<ul style="list-style-type: none"> • Academy of Neonatal Nurses- http://www.academyonline.org/ • National Association of Neonatal Nurses- http://www.nann.org/ • Association of Women's Health, Obstetric and Neonatal Nurses- http://www.awhonn.org/awhonn/

Fact Sheet

Career Field:	<u>Nursing:</u> Nurse Practitioner
Description:	Nurse practitioners are registered nurses with more advanced training. They're licensed to perform physical examinations, diagnose and handle common medical problems and minor medical emergencies, and manage certain chronic conditions, such as diabetes. Their level of independence from physicians varies from state to state.
Educational Requirements:	Completion of a Nursing Practitioner program. A Master of Science in Nursing.
Typical Job Opportunities: (Typical Places of Employment)	Outpatient Clinic or Office Hospital
Other Related Career Fields:	Registered Nursing
Professional Organizations:	<ul style="list-style-type: none"> • Association for Women's Health, Obstetric and Neonatal Nurses (AWHONN) - www.awhonn.org • American Academy of Nurse Practitioners (AANP) - www.aanp.org • National Assoc. Pediatric Nurse Assistants and Practitioners (NAPNAP) - www.napnap.org • American College of Nurse-Midwives - www.acnm.org • American Nurses Association - www.nursingworld.org • National Association of Nurse Practitioners in Reproductive Health (NANPRH) • National Alliance of NP's (NANP) • National Certification Corporation for the Obstetric, Gynecologic and Neonatal Nursing Specialties Women (NCC) - www.nccnet.org

Fact Sheet

Career Field:	<u>Nursing:</u> Operating Room Registered Nurse
Description:	Provide nursing care to the patient undergoing surgery demonstrating nursing knowledge through the application of the nursing process. Includes assisting with instrumentation for surgical procedures and assisting physicians with such procedures. Very technically oriented, working with various equipment and machinery.
Educational Requirements:	Associate Degree in Nursing Bachelor of Science Degree in Nursing
Typical Job Opportunities: (Typical Places of Employment)	Hospitals, Ambulatory Surgical Centers, Physician Offices
Other Related Career Fields:	Surgical Specialist - manages specific service within OR R.N. First Assistant Management
Professional Organizations:	Association of Operating Room Nurses 2170 S. Parker Road, Suite 300 Denver, Colorado 80231-5711 www.aaorn.org Association of Surgical Technologists www.ast.org

Fact Sheet

Career Field:	<u>Nursing:</u> Out-Patient Surgery (Ambulatory Surgery)
Description:	Plan, coordinate, and deliver health care to meet the needs of the ambulatory patient and his family.
Educational Requirements:	General Nursing. Advanced degree and/or specialized certification may be required for specialization. Basic arrhythmia and BLS will be required. Operating Room experience for those working in the OR.
Typical Job Opportunities: (Typical Places of Employment)	Outpatient Surgery Centers, both freestanding and within a hospital setting
Other Related Career Fields:	Hospital Nursing, Home Health Nursing, School Nursing, Industrial Nursing, Nurse Management, Utilization and Managed Care Review, Medical Sales, CMA, CNA, LPN
Professional Organizations:	<ul style="list-style-type: none"> • American Nurses Association - www.nursingworld.org • Illinois Nursing Association - www.illinoisnurses.org • National League for Nursing - www.nln.org • Specialty Specific Organizations

Fact Sheet

Career Field:	<u>Nursing:</u> Pediatrics
Description:	Education Specialist for Pediatric Department
Educational Requirements:	Master's Degree in Nursing Clinical experience at least 5 years in specialty (pediatrics)
Typical Job Opportunities: (Typical Places of Employment)	Hospitals Home Care Business Companies Organizations
Other Related Career Fields:	Education Nursing
Professional Organizations:	<ul style="list-style-type: none"> • National Nursing Staff Development - www.nnsdo.org • Society of Pediatric Nursing - www.pedsnurses.org • Phi Kappa Phi - www.phikappaphi.org

Fact Sheet

Career Field:	<u>Nursing:</u> Perioperative
Description:	Perioperative Nurses are responsible for providing a safe, efficient and caring operating room environment for the patient and the surgical team and assist in providing the most positive surgical outcome for the patient.
Educational Requirements:	Educational programs vary in length from two to four years. Those programs that are two years are offered at a community or junior college and lead to an Associate Degree. Four-year programs are based at a college or university setting and result in a Bachelor of Science Degree in Nursing. A comprehensive national exam is required.
Typical Job Opportunities: (Typical Places of Employment)	Job opportunities are numerous. A perioperative nurse may either work in a hospital setting, outpatient facility or for a surgeon.
Other Related Career Fields:	A perioperative nurse has the opportunity to work in any area of nursing that he or she is interested in. The critical care background will help this person to fulfill requirements in most any other areas.
Professional Organizations:	<ul style="list-style-type: none"> • Association of Operating Room Nurses (AORN) - www.aorn.org • "Operating room nursing is a blend of the technical and behavioral; it is thinking as well as doing, people-caring as well as instrument-handling".

Fact Sheet

Career Field:	<p><u>Nursing:</u></p> <p>Post Anesthesia Care</p>
Description:	<p>The Post Anesthesia Care Unit (PACU) is a critical care area designed to promote safety and comfort to the postoperative patient. The PACU nurse must observe the patient closely to prevent and treat complications. The PACU nurse is constantly alert for signs of breathing problems (airway obstruction), vomiting (and aspiration), bleeding, shock and cardiac and respiratory arrest. The PACU nurse must be knowledgeable in all surgical procedures and cares for patients of all ages from the infant to the elderly.</p>
Educational Requirements:	<p>High school preparation: Biology, Chemistry, Mathematics, Speech, Physics, Advanced Mathematics, Social Studies, Psychology</p> <p>Three Types of Programs:</p> <ul style="list-style-type: none"> • Associate Degree of Applied Science in Nursing (ADN) is a two-year program usually based at Junior or Community Colleges. • Diploma Program requires 2-3 years of education, emphasizing clinical experience at a hospital. • Bachelor of Science Degree in Nursing (BSN) is a 4-year program based at a college or university. <p>After successful completion of any of these three programs a nurse must become licensed by successfully completing a comprehensive national examination.</p>
Typical Job Opportunities: (Typical Places of Employment)	<p>In any post-anesthesia recovery or special procedures areas that utilize anesthesia for various procedures in the hospital, clinics, out-patient surgery centers</p>
Other Related Career Fields:	<p>Nurse Anesthetist</p>
Professional Organizations:	<ul style="list-style-type: none"> • American Society of Perianesthesia Nurses - www.aspan.org • Illinois. Society Of Postanesthesia Nurses - www.aspan.org/links.htm • American Association of Critical Care Nurses - www.aacn.org

Fact Sheet

Career Field:	<u>Nursing:</u> Psychiatric (Adult)
Description:	The Psychiatric RN works as part of an interdisciplinary treatment team to provide patient care. The RN is involved in assessment planning and implementation of individual treatment plans. RNs may co-lead group therapy sessions, provide education and participate in staffings. The RN works closely with the MDs regarding medication management.
Educational Requirements:	Minimum education requirement is a 2 year Associate Degree in Nursing + a passing score on the Illinois Nursing Board exam. Some institutions require a Bachelor Degree in Nursing for management opportunities.
Typical Job Opportunities: (Typical Places of Employment)	RNs can work in hospital settings, schools, outpatient day hospital programs and addiction programs.
Other Related Career Fields:	Social Work, Psychology
Professional Organizations:	<ul style="list-style-type: none"> • Illinois Nurses Association – www.illinoisnurses.org

Fact Sheet

Career Field:	<u>Nursing:</u> Psychiatric (Child/Adolescence)
Description:	Work with a multidisciplinary team - RNs, MHWs, OT, TR, SW, Psychology, Pediatrics, Psychiatrists, Educational SPs. Intensive assessment and stabilization of patients 5 - 18 years.
Educational Requirements:	R.N. - Illinois License BSN or BA/BS in related field very helpful.
Typical Job Opportunities: (Typical Places of Employment)	Inpatient Units, Day Hospital Programs, Home Health Visits, Residential Programs
Other Related Career Fields:	Adult Psychiatry Pediatrics
Professional Organizations:	<ul style="list-style-type: none"> • Association for Child & Adolescent Psychiatric Nurses, Inc. - www.acapn.org

Fact Sheet

Career Field:	<u>Nursing Care Technician/NCT (Nursing Assistant)</u>
Description:	Performs both direct and non-direct patient care tasks under the supervision of a Registered Nurse (RN).
Educational Requirements:	Certified Nursing Assistant (CNA) or Nursing Student with the first clinical completed or Paramedic OR LPN with current IL License.
Typical Job Opportunities: (Typical Places of Employment)	<p>Performs tasks under the supervision of a RN.</p> <ul style="list-style-type: none"> • performs patient comfort and hygiene tasks i.e. bed baths, bed making, assists patient with transfers, ambulation, feeding, elimination needs. • obtains and documents patient objective data i.e. takes and records patient's temperature, pulse, respirations, blood pressure, intake and output. • assists RN with patient admission, transfer and discharge tasks. • maintains order and cleanliness of areas and patient rooms. • responsible for stocking supplies and maintaining equipment. • may perform other tasks as delegated by an RN which do not require an RN license. <p>May work in hospital (acute setting), extended care facility (nursing or retirement home), home setting or outpatient facility.</p>
Other Related Career Fields:	Registered Nursing Other allied health professions

Fact Sheet

Career Field:	<u>Occupational Therapy:</u> General
Description:	They help people across the lifespan participate in things they want and need to do through the therapeutic use of everyday activities (occupations). Using purposeful activity or interventions to promote health and achieve functional outcomes. Helping to develop, improve, or restore the highest possible level of independence of an individual who is limited by a physical injury or illness, a dysfunctional condition, a cognitive impairment, a psychosocial dysfunction, mental illness, developmental or learning disability.
Educational Requirements:	B.A. or B.S. (psychology, biology, kinesiology, social work) Each school has different class requirements. The degree is a master of science in occupational therapy. An internship of \geq 6 months is included.
Typical Job Opportunities: (Typical Places of Employment)	Inpatient or Outpatient Psych, School Systems, Sub-acute Care, Inpatient/Outpatient Rehab, Nursing Homes, Acute Care, Work Hardening and Wellness, inpatient/outpatient and pediatrics, pediatric and adult home therapy, neonatal and adult intensive care
Other Related Career Fields:	Speech Therapy, Physical Therapy, Recreational Therapy, Occupational Therapy Assistant
Professional Organizations:	<ul style="list-style-type: none"> • American Occupational Therapy Association - www.aota.org • Illinois Occupational Therapy Association - www.ilota.org

Fact Sheet

Career Field:	<u>Occupational Therapy:</u> Psychosocial
Description:	To evaluate individuals with developmental disabilities, psychosocial dysfunction and physical limitations. Plan and implement treatment programs which will facilitate learning of skills, utilize purposeful therapeutic activities to enhance functional improvement in home, work and school and everyday activities (occupations).
Educational Requirements:	Baccalaureate or Master's degree in approved curriculum for occupational therapy, internship (3 mos. in psych setting, 3 mos. in physical disabilities setting) pass certification exam.
Typical Job Opportunities: (Typical Places of Employment)	Hospitals, Private Psychiatric Hospitals, Schools, Contract Agencies, Private Practices, Day Hospitals, Eating Disorders
Other Related Career Fields:	Art Therapy Recreational Therapy
Professional Organizations:	<ul style="list-style-type: none"> • American Occupational Therapy Association - www.aota.org • Each state also has an occupational therapy association • Illinois Occupational Therapy Association – www.ilota.org

Fact Sheet

Career Field:	<u>Occupational Therapy:</u> Mental Health Services
Description:	The overall goal is to help people develop the skills and obtain the supports necessary for independent, interdependent, productive living. A multifaceted position within a multidisciplinary team. Develop and implement therapeutic groups with leader/coleader roles. Maintain unit safety. Develop and maintain therapeutic relationships with clients, including 1:1 dialogues. Develop and implement individual behavior modification programs. Assist in promoting positive family communication and parenting education. Complete patient assessments and documentations.
Educational Requirements:	B.A./B.S. in Behavioral Health Field: for example, Psychology, Sociology, Social Work
Typical Job Opportunities: (Typical Places of Employment)	Hospital: <ul style="list-style-type: none"> • Inpatient pediatric and adult • Outpatient Addictions
Other Related Career Fields:	Social Worker, Counselor, Therapist
Professional Organizations:	<ul style="list-style-type: none"> • National Association of Social Workers – www.naswdc.org • American Occupational Therapy Association – www.aota.org • Illinois Occupational Therapy Association – www.ilota.org

Fact Sheet

Career Field:	<u>Office Coordinator</u>
Description:	Management of the office/business portion of the medical practice on a day-to-day basis by coordinating and supervising clerical staff in the delivery of services to patients.
Educational Requirements:	High school education or equivalent 1-2 years of college preferred 2 years experience in administrative or medical secretarial profession required
Typical Job Opportunities: (Typical Places of Employment)	Clinics, Doctors Offices, Hospitals, Medical Facilities

Fact Sheet

Career Field:	<u>Paramedic</u>
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Refer to Page 33

“Emergency Medical Technician (EMT-Paramedic)”

Fact Sheet

Career Field:	<u>Pathology (Anatomic and Clinical)</u>
Description:	<p>The pathologist is a physician who specializes in the diagnosis and management of human disease by laboratory methods.</p> <p>Pathologists function in three broad areas; as diagnosticians, as teachers, and as investigators. Fundamental to the discipline of pathology is the need to integrate clinical information with physiological, biochemical and molecular laboratory studies, together with observations of tissue alterations. Pathologists in hospital and clinical laboratories practice as consultant physicians, developing and applying knowledge of tissue and laboratory analyses to assist in the diagnosis and treatment of individual patients. As teachers, they impart this knowledge of disease to their medical colleagues, to medical students, and to trainees at all levels. As scientists, they use the tools of laboratory science in clinical studies, disease models, and other experimental systems, to advance the understanding and treatment of disease.</p> <p>From http://www.asip.org/career/index.htm</p>
Educational Requirements:	Undergraduate degree, medical training (M.D. or D.O.), and postgraduate medical training in pathology (residency in anatomic pathology, clinical pathology, or both)
Typical Job Opportunities: (Typical Places of Employment)	Community Practice, Academic Practice, Industry, and Government (VA, NIH, and FDA)
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Pathology (Anatomic and Clinical) (cont'd.)

Other Related Career Fields:	Clinical medicine and research
Professional Organizations:	<ul style="list-style-type: none">• College of American Pathologists, American Society for Clinical Pathology, United States and Canadian Academy of Pathologists as well as various subspecialty organizations (AABB, AACCC, ASM SH, ABD etc.)

Fact Sheet

Career Field:	<u>Patient Representative</u>
Description:	Greets and registers patients in computer system. Coordinates scheduling of patient appointments. Answers multiple incoming telephone lines. Distribute communications accurately, including emergency pages and faxes. Resolves a variety of patient questions, including insurance, billing, etc. Collects fees and required referrals for insurance purposes. Enters patient charges and payment data into computer system.
Educational Requirements:	High School diploma or equivalent. Required to pass 6 week training program. 2-3 years customer service experience. Experienced handling several tasks at once without errors. CRT & typing skills preferred.
Typical Job Opportunities: (Typical Places of Employment)	Doctor's Office, Clinic Environment
Other Related Career Fields:	Many nursing students will gain experience while in school, and be involved in the medical environment on a part-time basis.

Fact Sheet

Career Field:	<u>Perfusionist</u>
Description:	<p>Responsible for maintaining patient blood circulation, oxygenation and acid base balance during open heart surgery. Another responsibility is running the ECMO Circuit for patients with compromised lung function, mostly on infants and children.</p> <p>Autotransfusion is another perfusionist duty which includes salvaging the patients' own blood, washing it and transfusing the RBC's back to the patient. Autologous growth factor salvaging, for ortho and plastics</p>
Educational Requirements:	Minimal Requirements are Bachelor's Degree and 2 years Critical Care
Typical Job Opportunities: (Typical Places of Employment)	University and Community Hospitals involved with open heart surgery (Clinics)
Other Related Career Fields:	Teaching, Salesperson and Consultant
Professional Organizations:	<ul style="list-style-type: none"> • American Society of Extra-Corporeal Technology (AmSECT) - www.amsect.org • American Medical Association - www.ama-assn.org • Illinois Perfusion Society - www.illinoisperfusion.org • The Perfusion Home Page - www.perfusion.com

Fact Sheet

Career Field:	<u>Pharmacist</u>
Description:	The healthcare professional with an expertise in drug therapy including patient monitoring. Pharmacist activities include things such as patient counseling, dispensing medications, screening drug orders for drug interactions and drug allergies, recommending appropriate drug therapy, monitoring medication use and related patient laboratory information, providing drug information to other health care professionals, participating in drug research and teaching other healthcare professionals.
Interests/Traits:	Biology, Chemistry, Mathematics, good communication skills and a desire to help others
Educational Requirements:	Doctor of Pharmacy (PharmD) degree = 6 yr. from an accredited College of Pharmacy
License:	A pharmacist must be registered in the state in which they practice. Note: RPh stands for a registered pharmacist. To become registered a pharmacist must take the national pharmacy board exam and the state law exam associated with their state. A pharmacist must pay fees and obtain continuing education credits to maintain their license in most states.
Certification:	A pharmacist may become board certified in pharmacotherapy, nutrition, oncology, etc. This requires passing a national exam that is given once a year. As the pharmacist's role expands, additional areas are also being considered for board certification. Board certification recognizes that the pharmacist excels in this area of practice. This may give the pharmacist the edge in obtaining a specialty position in their area of expertise.
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Pharmacist (cont'd.)

<p>Typical Job Opportunities: (Typical Places of Employment)</p>	<p>Ambulatory Clinic Hospital (Staff Clinical Specialist, Administration, Resident Program) Drug Store (Chain or Independently Owned) Home Healthcare Mail Order Pharmacy Industry (Drug Company) Research (University or Drug Company Affiliated) Academia Nuclear Pharmacy Managed Care Pharmacist (HMO, PBM, Insurance Company) Pharmacy Consultant - nursing homes Military Pharmaceutical Wholesaler</p>
<p>Professional Organizations:</p>	<ul style="list-style-type: none"> • American Society of Hospital Pharmacists (ASHP) - www.ashp.org • American Pharmacist Association (APhA) - www.aphanet.org • American College of Clinical Pharmacists (ACCP) - www.accp.com • Illinois Pharmacists Association and local affiliates (IPhA) - www.ipha.org • Academy of Managed Care Pharmacy (AMCP) - www.amcp.org • Professional Pharmaceutical Fraternities: Kappa Epsilon, Kappa Psi, Phi Delta Chi, Rho Chi www.kappaepsilon.org www.kappa-psi.org www.phideltachi.org www.rhochi.org • ICHP - Illinois Council of Hospital Pharmacists and local affiliates - www.ichp.org

Fact Sheet

Career Field:	<u>Pharmacy Technician</u>
Description:	Pharmacy Technicians help pharmacists prepare medications for dispensing to patients. They are involved in all technical aspects of the medication preparation: Type labels, count medications, prepare IV solutions, compound specialized nutritional solutions (total parenteral nutrition solutions), chemotherapy agents using aseptic techniques, and compound liquids and ointments. Pharmacy technicians may be involved with computer order entry and billing, inventory control, quality assurance, patient safety, information systems training, delivery of medications, and communicating with patients and other health care professionals.
Interest Traits:	Pharmacy Technicians also interact with high schools and colleges. Some facilities use Robotic technology, computerized unit based cabinets and bar coding technology at bedside.
Educational Requirements:	<p>Mathematics, science, very detail oriented, extremely accurate, and has a desire to help individuals.</p> <p>Must be licensed in the state of Illinois, which requires a high school diploma or GED equivalent, or currently enrolled in high school. Hospital: 18 yrs. of age and GED.</p> <p>There are several pharmacy training programs at the local community colleges: Harper Community College, Malcolm X College, South Suburban College.</p>
Certification:	There is a national Pharmacy Technician Certification Board (PTCB) that offers a pharmacy technician certification exam several times a year. On passing the examination the technician becomes a certified pharmacy technician (CPhT). Some practice sites may offer an increase in salary or allow the CPhT's to be eligible for higher paying positions.
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Pharmacy Technician (cont'd.)

Typical Job Opportunities: (Typical Places of Employment)	Hospital, Drug Store, Home Health Care, Mail Order Pharmacy, Military, (Wholesaler, Pharmacy)
Professional Organizations:	<ul style="list-style-type: none">• American Association of Pharmacy Technicians (AAPT) - www.pharmacytechnician.com• Illinois Council of Hospital Pharmacists - Academy of Technicians (IHP) - www.ichp.org

Fact Sheet

Career Field:	<u>Physician Assistant</u>
Description:	Assists Doctors in procedures. Assesses patients, completes history and physicals, diagnoses problems/treats patients, medical education of patients – all under the supervision of MD
Educational Requirements:	PA program (2-3yrs.) - usually Master's Degree in addition to Bachelor's Degree.
Typical Job Opportunities: (Typical Places of Employment)	Works in many areas (Surgery, Primary Care, Peds, OB-GYN) Health Clinics, Occupational Medicine
Other Related Career Fields:	Option to work in medical field or in education of Physician Assistants; Nurse Practitioner
Professional Organizations:	<ul style="list-style-type: none"> • American Academy of Physician Assistants (AAPA) - www.aapa.org • National Commission on Certification of PA's (NCCPA) - www.nccpa.net • Illinois Academy of Physician Assistants - www.illinoispa.org • American Association of Surgical Physician Assistants - www.aaspa.com

Fact Sheet

Career Field:	<u>Physical Therapist</u>
Description:	Physical Therapists use various skills and techniques to assist patients to regain maximal function and independence. Patients treated range from infants to the elderly with a variety of diagnoses.
Educational Requirements:	Master of Physical Therapy. Some schools are now Doctorate of Physical Therapy. State Licensure required after completion of accredited program.
Typical Job Opportunities: (Typical Places of Employment)	Hospitals, Nursing Homes, Rehab Facilities, Sports Medicine Centers, Home Health Care, School Systems
Other Related Career Fields:	Physical Therapist Assistants
Professional Organizations:	<ul style="list-style-type: none">American Physical Therapy Association (APTA) - www.apta.org

Fact Sheet

Career Field:	<u>Physical Therapist Assistant</u>
Description:	Physical Therapist Assistants work directly with patients, under the direct supervision of a Physical Therapist, utilizing various skills to assist a patient to regain maximal function and independence. Patients treated range from children to the elderly with a variety of diagnoses.
Educational Requirements:	Associate of Applied Science Degree in Physical Therapy. State Licensure required after completion of accredited program. Communication and interpersonal skills, organizational skills, time management, flexibility, patience and compassion. Volunteer experience in a physical therapy setting is strongly recommended. Anatomy, Physiology, Biology, Psychology, Medical Terminology.
Typical Job Opportunities: (Typical Places of Employment)	Hospitals, Nursing Homes, Rehab Facilities, Sports Medicine Centers, Home Health Care, School Systems
Other Related Career Fields:	Physical Therapist
Professional Organizations:	<ul style="list-style-type: none"> • American Physical Therapy Association (APTA) - www.apta.org

Fact Sheet

Career Field:	<u>Psychiatry</u>
Description:	Medical doctor specializing in the assessment and treatment of emotional/behavioral disorders. Subspecialty areas of general psychiatry include: Addiction Psychiatry, Child/Adolescent Psychiatry, Forensic Psychiatry, Geriatric Psychiatry.
Educational Requirements:	4 years of college, 4 years of medical school, 4 years of psychiatry residency. An additional 2 years of fellowship training is required for the subspecialty areas mentioned above.
Typical Job Opportunities: (Typical Places of Employment)	Hospitals, medical schools, clinics, solo or group practices, and others depending on specialty areas.
Other Related Career Fields:	Psychologists, Clinical Social Workers, Primary Care Physicians
Professional Organizations:	<ul style="list-style-type: none">• American Psychiatric Association - www.apa.org

Fact Sheet

Career Field:	<u>Psychologist (Clinical & Neuropsychologist)</u>
Description:	Application of psychological/neuropsychological principles in the clinical arena.
Educational Requirements:	Ph.D. or Psy.D. in Clinical Psychology
Typical Job Opportunities: (Typical Places of Employment)	Hospitals, Medical Centers, Community Health Centers, Clinics, Private Practice, Organizational/Management Consulting, EAP's, University and College Counseling Centers, Academia, Research
Other Related Career Fields:	Counseling Psychologist, Social Worker
Professional Organizations:	<ul style="list-style-type: none"> • American Psychological Association - www.apa.org • State Psychological Associations, Regional Psychological Associations, City Psychological Associations, Specialty Organizations for Psychologists (e.g. Neuropsychologists, Behavior Therapists, etc.)

Fact Sheet

Career Field:	<u>Radiation Therapist</u>
Description:	Through the use of Radiation Therapy equipment, the Radiation Therapist will administer ionizing radiation to the cancer patient for localization and/or treatment of tumor volumes as prescribed by the physician. The Radiation Therapist will maintain daily patient treatment records and ensure the general well-being of the patient throughout the entire course of therapy.
Educational Requirements:	Radiation Oncology Certificate and/or Associates degree in Radiation Therapy Technology. ARRT registry-eligible or ARRT license. IEMA license.
Typical Job Opportunities: (Typical Places of Employment)	Hospitals, Academic Medical Centers, Free Standing Clinics
Other Related Career Fields:	Dosimetry, Medical Physics, Health Management, Education, Application Specialist, Quality Management
Professional Organizations:	<ul style="list-style-type: none"> • American Registry for Radiologic Technologists • American Society of Radiologic Technologists • Chicago Area Radiation Therapist, Illinois Emergency Management Society

Fact Sheet

Career Field:	<u>Radiology</u>
<p style="text-align: center;">Refer to Page 58 “Medical Imaging (Radiology)”</p>	

Fact Sheet

Career Field:	<u>Rehabilitation Counselor</u>
Description:	Rehabilitation Counselors help persons deal with the personal, social and vocational impact of their disabilities. They evaluate the strengths and limitations of individuals, provide personal and vocational counseling, and may arrange for medical care, vocational training and job placement. Rehabilitation counselors interview individuals with disabilities and their families, evaluate school and medical reports and confer and plan with physicians, psychologists, OT, employers and others. Confering with the client, they develop and implement a rehabilitation program, which may include training to help the person become more independent and employable. They also work toward increasing the client's capacity to adjust and live independently.
Educational Requirements:	General, rehabilitation counselors have a master's degree in rehabilitation counseling. Many employers require a rehab counselor to be certified. To become certified, counselors must meet educational and experience standards established by the Commission on Rehabilitation Counselor Certification, and pass a written examination. They are then designated as "Certified Rehabilitation Counselor".
Typical Job Opportunities: (Typical Places of Employment)	Healthcare facilities; job training and vocational rehabilitation centers; social agencies, correctional institutions, and residential care facilities such as halfway houses for criminal offenders and group homes for children, the aged and the disabled. Counselors also work in organizations engaged in community improvement and social change, as well as drug and alcohol rehab programs and state and local government agencies. A growing number of counselors are in private practice, health maintenance organizations and group practice.
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Rehabilitation Counselor (cont'd.)

Other Related Career Fields:	School and College Counselors Career Planning and Placement Counselors Employment Counselors Mental Health Counselors Social Workers
Professional Organizations:	National Rehabilitation Counseling Association 33 South Washington St. Alexandria, VA 22314 www.nrca-net.org

Fact Sheet

Career Field:	<u>Respiratory Care Practitioner</u>
Description:	Respiratory Care is an allied health specialty that participates in the diagnostic evaluation, assessment, treatment and management of patients with cardiopulmonary disease or dysfunction. The Respiratory Care Practitioner delivers healthcare to patients of all ages.
Educational Requirements:	Certified Respiratory Therapist Registered Respiratory Therapist Associate degree is the general entry requirement Most programs award associate or bachelor degrees and prepare graduates for jobs as advanced respiratory therapists.
Typical Job Opportunities: (Typical Places of Employment)	Hospitals, Long Term Facilities, Home Care Companies, Physician Offices and Clinics, Research, Sales and Marketing
Other Related Career Fields:	
- continued on next page -	

Respiratory Care Practitioner (cont'd.)

<p>Professional Organizations:</p>	<p>American Association for Respiratory Care (A.A.R.C.) 9425 N. MacArthur Blvd., Suite 100 Irving, TX 75063-4706 www.aarc.org</p> <p>For a list of accredited educational programs for respiratory care practitioners, contact: Commission on Accreditation for Allied Health Education Programs 39 E. Wacker Dr. Chicago, IL 60601 www.caahep.org</p> <p>National Board of Respiratory Care (N.B.R.C.) 8310 Nieman Rd. Lenexa, KS 66214-1579 www.nbrc.org</p> <p>Illinois Society of Respiratory Care (ISRC) www.isrc.org</p>
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Fact Sheet

Career Field:	<u>Social Work - General</u>
Description:	Evaluation and treatment of individuals, families and groups to facilitate and enhance functional abilities. Collaboration with multidisciplinary team of Doctors, Nurses, Therapists, etc. Partnership with community agencies for the purpose of discharge planning, case management and follow up care. Social Work is concerned with helping people live more independently in their environment.
Educational Requirements:	Master's Degree in Social Work and State of Illinois License in Social Work
Typical Job Opportunities: (Typical Places of Employment)	Mental Health Centers, Community Agencies, School System, Hospitals, (Medical and Psychiatric) Child Welfare, Corporations, Government, Philanthropic Organizations, Nursing Homes, Hospices, Home Health
Other Related Career Fields:	Public Health Administration, Sociology, Psychology
Professional Organizations:	<ul style="list-style-type: none"> • National Association of Social Workers (NASW) - www.naswdc.org • There are many other professional organizations related to area of specialization.

Fact Sheet

Career Field:	<u>Social Work (Mental Health Services)</u>
Description:	Evaluation and treatment of individuals, families and groups to facilitate and enhance functional abilities.
Educational Requirements:	Master's Degree in Social Work (MSW)
Other Related Career Fields:	Psychology
Professional Organizations:	<ul style="list-style-type: none">• National Association of Social Workers (NASW) - www.naswdc.org

Fact Sheet

Career Field:	<u>Speech-Language Pathology</u>
Description:	Speech-Language Pathologists (SLP) evaluate and treat adults and children with speech, language, cognitive, voice, feeding and swallowing disorders. These disorders may develop from acquired medical conditions (i.e. stroke, head injury, Parkinson's Disease, Multiple Sclerosis, head and neck cancer, vocal cord paralysis) or from congenital conditions (i.e. premature birth, Down Syndrome, cleft palate, developmental delay).
Educational Requirements:	Master's Degree required for licensure in most states, including Illinois. First 9 months of practice is under the supervision of a certified Speech-Language Pathologist.
Typical Job Opportunities: (Typical Places of Employment)	Newborn Infant Nurseries, Early Childhood Education Programs, Grade Schools, Junior High/High Schools, Hospitals, Rehabilitation Facilities, Outpatient Clinics, Home Health Agencies, Nursing Homes, Residential Facilities, Research Laboratory, Colleges/Universities
Other Related Career Fields:	Audiology, Occupational and Physical Therapy, Special Education
Professional Organizations:	<ul style="list-style-type: none"> • American Speech-Language and Hearing Association - www.asha.org • Illinois Speech and Hearing Association - www.ishail.org

Fact Sheet

Career Field:	<u>Spiritual Care:</u> Chaplain (Mental Health Services)
Description:	Provide spiritual support and counseling for persons in an institutional setting. Chaplains also work in industry and business settings.
Educational Requirements:	B.S./B.A. – College Degree Master of Divinity – Seminary Degree 1 year (4 units) of Clinical Pastoral Education
Typical Job Opportunities: (Typical Places of Employment)	Hospitals, Extended Care Facilities, Retirement Communities, Jail/Prison, Military, Industry
Other Related Career Fields:	Community Clergy (Pastor, Priest, Rabbi, etc.) Religious Educator Pastoral Counselor
Professional Organizations:	<ul style="list-style-type: none"> • Association of Professional Chaplains - www.professionalchaplains.org

Fact Sheet

Career Field:	<u>Spiritual Care:</u> Pastoral Care
Description:	The chaplain listens to patients in the hospital and helps them reflect on their experience in relation to how they feel and their religious beliefs.
Educational Requirements:	4 year college degree 4 year Master of Divinity Degree (Seminary)
Typical Job Opportunities: (Typical Places of Employment)	Parish, Hospital, Hospice Program, Substance Abuse Center, Mental Health Facility, Correctional Institution, Foreign Mission
Other Related Career Fields:	Parish Ministry, College Campus Ministry, Mission Field, Social Agency
Professional Organizations:	<ul style="list-style-type: none"> • Association of Professional Chaplains - www.professionalchaplains.org • Association for Clinical Pastoral Education - www.acpe.edu • National Association of Catholic Chaplains - www.nacc.org

Fact Sheet

Career Field:	<u>Sports Medicine: Physical Therapy</u>
Description:	Physical therapist who specializes in orthopedics, and manual therapy. Involves working with athletes and active people of all ages with musculoskeletal.
Educational Requirements:	Master of Physical Therapy. Some schools are now Doctorate of Physical Therapy.
Typical Job Opportunities: (Typical Places of Employment)	Outpatient Clinics, Hospitals, Universities
Other Related Career Fields:	Athletic Training Sports Medicine Physicians Exercise Physiologist Strength and Conditioning Specialist
Professional Organizations:	<ul style="list-style-type: none">American Physical Therapy Association - www.apta.org

Fact Sheet

Career Field:	<u>Surgical Technician (Certified)</u>
Description:	Responsible for the set up and maintaining of sterile field and anticipating the needs of the surgeons with instrumentation and suture handling.
Educational Requirements:	Attend an accredited school of surgical technology.
Typical Job Opportunities: (Typical Places of Employment)	Hospital Operating Room Outpatient Surgery Centers Labor & Delivery Private Physician Employment
Other Related Career Fields:	Advancement to CFA (Certified First Assist)
Professional Organizations:	<ul style="list-style-type: none">• Association of Surgical Technologists, Denver, CO - www.ast.org

Fact Sheet

Career Field:	<u>Therapeutic Recreation Specialist/Recreational Therapist</u>
Description:	Therapeutic Recreation Specialists work with individuals of all ages who are mentally, physically, or emotionally disabled. In a clinical setting, Therapeutic Recreation Specialists assist in the development of the patient's physical, psychological, social and recreational abilities, and works to improve the patient's functioning and adjustment in the hospital and community. Treatment modalities utilized in Therapeutic Recreation include: games and structured activities, dance/movement, exercise and physical activities, communication/social skill building activities, reality orientation, community reintegration outings, leisure education/counseling, family/patient activities, lecture/discussions and relaxation therapy.
Educational Requirements:	Requirements may vary by employment setting. Generally clinical settings require a Bachelor's Degree in Therapeutic Recreation. Certification from the National Council for Therapeutic Recreation Certification.
Typical Job Opportunities: (Typical Places of Employment)	Therapeutic Recreation Specialists work in a variety of different settings: hospitals (in psychiatry, physical medicine and rehabilitation, substance abuse treatment, etc.), community mental health settings, adult day care programs, park districts, special education programs, nursing homes, schools, prisons, and corporations.
Other Related Career Fields:	Occupational Therapists, Art Therapists, Drama Therapists, Dance Therapists and Music Therapists
Professional Organizations:	National Therapeutic Recreation Society (N.T.R.S.) - www.nrpa.org/content/default.aspx?documentID=530 American Therapeutic Recreation Association (A.T.R.A.) - www.atra-tr.org

Fact Sheet

Career Field:	<u>Transportation Aide</u>
Description:	To facilitate the movement of patients and specified materials throughout the hospital for patient care units and other specified ancillary units in a safe, timely, and efficient manner that is in accordance with hospital and departmental policies and procedures.
Educational Requirements:	High School education.
Typical Job Opportunities: (Typical Places of Employment)	This position will need to recognize needs and behaviors of age groups of patients treated, i.e. understand child growth and development, normal patterns of adolescent behavior and look for signs of normal aging; prior experience with various age groups is preferred
Other Related Career Fields:	Guest Services Associate, Dispatcher, Customer Service

Fact Sheet

Career Field:	<u>Unit Secretary</u>
Description:	Enters all the Doctor's orders in the computer; answers telephones, patient call lights; communicates with ancillary services (radiology, phlebotomy, transportation, central supply, etc.), stocks the unit with supplies, files labs, paperwork in patient charts. Promotes guest relations by interacting and responding to all patients, visitors and staff in an appropriate and professional manner.
Educational Requirements:	High School diploma; extra training usually occurs in the hospital. Job requires some knowledge of medical terminology, communication skills and organization skills. 1 year of previous clerical or healthcare related experience preferred.
Typical Job Opportunities: (Typical Places of Employment)	Hospitals; Similar jobs available at doctor's offices or clinics
Other Related Career Fields:	Medical Records Clerk Office Receptionist Medical Receptionist
Professional Organizations:	None. Unit Secretary meetings every other month for new information. Newsletter every other month.

Fact Sheet

Career Field:	<u>Vascular Technologist</u>
Description:	Noninvasive specialized ultrasound technologist trained for vascular purposes.
Educational Requirements:	Rush University has the only dedicated two year vascular program in Illinois. Registered Vascular Technologist (RVT) required. Acceptance into an ultrasound program with college background with one year of clinical site training.
Typical Job Opportunities: (Typical Places of Employment)	Dedicated vascular technologists are in much demand in the Midwest due to the lack of vascular technology programs. Technologists are hired by hospitals, doctors' offices and mobile Employment companies.
Other Related Career Fields:	General Ultrasonographer Cardiac Ultrasonographer
Professional Organizations:	<ul style="list-style-type: none"> • Society of Vascular Ultrasound - www.svunet.org • Society of Diagnostic Medical Sonographers - www.sdms.org

Fact Sheet

Career Field:	<u>Volunteer Services</u>
Description:	<p>Gives students opportunities to explore health career fields</p> <p>Volunteer opportunities are available starting at age 14 (Fitness Center and Flower Shop). Volunteers 16 years of age and older may participate by volunteering in patient care areas, guest services or clerical areas.</p> <p>Commitment requirements: minimum of 4 hours a week for a total of 75 hours. We also offer a 32-hour summer program.</p> <p>Internship/Scholarship Program – Service League-sponsored summer program for junior and senior high school students. For a scholarship application, contact Volunteer Services in March.</p> <p>For more information please call: Volunteer Services 847-723-6105 Or visit us online at www.advocatehealth.com and click on “Giving” and “Volunteer Opportunities”</p>