

# **DVR Meeting November 30, 2015 Health Careers Minutes**

Members Present: Marissa Griffin (Leyden), Pat Godziszewski (Leyden), Susan Brenner (Riverside-Brookfield), Peter Jaswilko (Triton), Valarie Berger (Leyden)

## **1. Triton College Program Update**

- a. Triton works with several colleges for students to earn the Bachelors' of Science degree. These include
  - i. Benedictine
  - ii. Governor's University (online coursework only)
  - iii. Aurora University
    - 1. Students may enter a Master's of Science in Nursing bridge program if they already have a bachelor's degree.
    - 2. This program meets once/week at Gottlieb and is designed for adult learners. Aurora honors the highest number of Triton credits.
  - iv. Olivet
- b. 20% of Triton students finish online at Purdue. Although Triton does not have an agreement with Purdue, many students choose Purdue to finish all classwork online.
- c. An RN is a 2 year program
- d. An LPN is a 1 year program.
- e. Certified Medical Assistant Program
  - i. Available in Spring 2016
  - ii. 3 semester program
  - iii. Highly employable due to high cost of RN's
  - iv. CMA's can work at a doctor's office and assist with sutures, setting up sterile field, vaccinations, coding, billing, drawing blood, applying dressing, vitals, etc.
- f. Nursing programs are being revised to include some electives such as ethics, intravenous venipuncture, electrocardiography, and applied medical terminology.

## **2. Hospital Accreditation: RN's vs. LPN's**

- a. The new hospital accreditation is a Magnet Accreditation which requires all nurses to have a B.S. degree.
- b. This change is greatly decreasing the demand for LPN's.
- c. LPN's will still be utilized in nursing homes/assisted living facilities.
- d. There is a bridge program for military medics to become LPN's very quickly, which would then qualify them for an RN program.
- e. Paramedics could enter as a 2<sup>nd</sup> year nursing student to earn their B.S. of Nursing degree.

## **3. Universal medical record documentation**

- a. This is being discussed and allows hospitals to easily share vital medical information to another hospital.
- b. This is to assist patients who transfer or move as well as improving care in emergency situations.

## **4. Triton's New Facilities**

- a. Peter provided a tour of the new facilities.
- b. The new facility has state of the art equipment which includes, but is not limited to
  - i. Virtual cadaver lab
  - ii. Nuclear medicine lab
  - iii. Gamma scanner
  - iv. Diagnostic eye care lab
  - v. programmable mannequin patients
  - vi. New surgical tech equipment
- c. The facility is fabulous, and all schools are strongly encouraged to visit or bring classes. Students will be very impressed with the Triton facilities.
- d. Triton will gladly visit your classes as well.

## H Building-Major Equipment-Health Careers

### Ophthalmic Technology

1. **Optical Coherence Tomography(OCT)**-is a non-invasive imaging test that uses light waves to take cross-section pictures of your retina, the light-sensitive tissue lining the back of the eye. These measurements help with early detection, diagnosis and treatment guidance for retinal diseases and conditions, including age-related macular degeneration and, diabetic eye disease, among others.
2. **Retinal Camera**-is a specialized low power microscope with an attached camera. Its optical design is based on the indirect ophthalmoscope.
3. **Anterior Segment Camera**-provides high resolution digital image data of anterior (front) eye.
4. **Ocular Ultrasound**-is used to calculate the axial length of the eye, used to determine the power of the intraocular lens implant. The device is also used to for the definitive diagnosis of intraocular pathology such as retinal tumors or retinal detachment.
5. **Corneal Topographer**-also known as photokeratoscopy or videokeratography, is a non-invasive medical imaging technique for mapping the surface curvature of the cornea, the outer structure of the eye.
6. **Brightness Acuity Test**-a recognized industry-standard glare testing device, measures the effects of glare without leaving the exam room, provides objective measurements of functional visual acuity in three common bright light conditions while the patient is in a standard refracting lane.
7. **Octopus Visual Field Test**-a modern and faster method of testing field of vision. System is known for providing excellent statistical information while giving most patients utmost comfort during the exam.
8. **Topcon Refractive System**-this system allows for fast and accurate determination of the patient's eyeglass or contact lens prescription.
9. **Ophthalmology Exam Chairs** (Quantity 2)-Ophthalmic examination chairs are essential equipment in any Ophthalmology practice. There are many vendors and products to choose from and many features available.

### Nuclear Medicine

1. **Nuclear medicine gamma camera (Siemens dual head e.cam SPECT System)**-is a machine that is able to detect and make images from the very small amounts of ionising radiation emitted from patients having a nuclear medicine study.
2. **Thyroid Probe**-is a type of nuclear medicine imaging. The radioactive iodine uptake test (RAIU) is also known as a thyroid uptake. It is a measurement of thyroid function, but does not involve imaging. The thyroid scan and thyroid uptake provide information about the structure and function of the thyroid. The thyroid is a gland in the neck that controls metabolism, a chemical process that regulates the rate at which the body converts food to energy.
3. **Well Counter**-is a device used for measuring radioactivity in small samples.
4. **Injections Arms** (Quantity 10), **Injections Hands** (Quantity 2)-these training aids are designed for practice in giving IVs. They permit detailed exercises in venipuncture so that the technique can be mastered on a realistic model before actually administering to patients. The students can palpate the arm and hand, which are made of supple, resilient plastic with a human feel. The vein is located, the needle introduced, and blood is withdrawn or fluid injected. The models can be used repeatedly. Comes complete with blood powder and carrying trays.
5. **Geiger Mueller Survey Meters** (Quantity 3)-is the most common device used for the detection of radioactive contamination.

### Surgical Technology

1. **Operating Table with Pads Steris 3080** (Quantity 3)-surgical table provides complete flexibility for patient positioning, no matter how difficult the procedural or imaging requirements. Its proven performance assures you increased productivity, ease of use, and long-term reliability. No other table better meets the challenges of today's OR.
2. **Skytron Surgical Lights** (Quantity 3)-surgical lights are distinctly engineered to provide brilliant illumination for today's surgical teams. Each fixture features unique, vertically segmented reflectors that reduce shadows while producing a clear, homogenous spot.
3. **Surgical Table Accessories (Compatible with Steris 3080)**-these accessories complement the surgical, thereby bringing greater positioning and functionality.
  - a. Anesthesia Armboard with 2" Pad (Quantity 3)
  - b. Armboard Restraint Strap (Quantity 3)
  - c. X-Ray Top Set (Quantity 1)
  - d. Trendelenberg Restraint with Pads (Quantity 1)
  - e. Clark Sockets (Quantity 2)
  - f. Arthroscopy Knee Holder with Pads (Quantity 1)
  - g. Multi-Accessory Clamp (Quantity 2)
  - h. Multi-Position Leg Holders with Pads and Restraint Straps (1 Pair)
  - i. Horseshoe Headrest with Pad (Quantity 1)

- j. Arm and Hand Table with Pad (Quantity 1)
  - k. Multi-Posture Armboard with Pads and Restraint Straps (Quantity 2)
  - l. Siderail Locks (Quantity 2)
  - m. Universal Leg Holder (1 Pair)
  - n. Lithotomy Leg Holder with Straps (1 Pair)
  - o. Picket Fence Leg Holder (Quantity 1)
  - p. Foot Extension with Pad (Quantity 2)
  - q. Vinyl/Velcro Surgical Table Restraint Straps (4 Sets)
  - r. Anesthesia Screen (1 Set)
  - s. Toboggan Arm/Leg Guard (Quantity 2)
  - t. Solid Lateral Braces (1 Pair)
  - u. Bean Bag Positioner with Shoulder Cut-Out (Quantity 1)
4. **Sterilizers** (Quantity 2)-sterilizers (sometimes referred to as steam autoclaves, or just autoclaves) are an essential part of the decontamination and sterilization process performed by central sterile services departments and surgical technologist in healthcare facilities.
    - a. Steam Sterilizer with Prevacuum and Gravity Cycles
    - b. Low Temperature Gas Plasma Sterilizer
  5. **Anesthesia Machine**-with ventilator, at least one vaporizer, and scavenger system (Quantity 3)-students learn how to work around the Anesthesia Machine, assist Anesthesiologists in setting up equipment and prepare patient for anesthesia.
  6. **Patient Monitors** (Quantity 3)-Portable (rechargeable) Patient Monitor-capable of monitoring temperature, blood pressure, oxygen saturation, and ECG.
  7. **Electrosurgical Unit with Cart and Foot Pedals Bipolar and Monopolar** (Quantity 3)-Devices intended for surgical cutting and for controlling bleeding by causing coagulation (hemostasis) at the surgical site. Electrosurgery is commonly used in dermatological, gynecological, cardiac, plastic, ocular, spine, ENT, maxillofacial, orthopedic, urological, neuro- and general surgical procedures as well as certain dental procedures.
  8. **Manikins**-Nursing Kelly – Laerdal and Ultimate Hurt – Laerdal
  9. **Laparoscopy Simulator (Delletec)**-The objective of this simulator is to simulate a laparoscopy case up to the point of trocar introduction.
  10. **Surgical Simulators** (Quantity 8) –Appendectomy/compatible with Laerdal manikins (Delletec)-The objective of this simulator is to simulate a surgical case: appendectomy.
  11. **Surgical Simulator** (Quantity 4)–Breast Biopsy/compatible with Laerdal manikins (suggest Delletec)-The objective of this simulator is to simulate a surgical case: breast biopsy.
  12. **Digital Pneumatic Tourniquet with Stand, Storage Basket, and Cuffs** (one single adult and one double adult)-Tourniquet systems are medical devices which apply circumferential pressure to a limb in order to temporarily occlude venous and arterial circulation to that particular extremity. This allows the tourniquet system to block the blood flow to a limb, thereby creating a bloodless field.

### **Diagnostic Medical Sonography**

1. **Ultrasound Instruments (Quantity 5)**-these are state of the art Ultrasound systems that can perform ultrasound exams using abdominal Small Parts, Obstetrics and Gynecology, Small Parts, Vascular and MSK exams
  - Siemens
  - GE Logic
  - GE Logic
  - GE Logic
  - GE Laptop system
2. **Patient Exam Table** (Quantity 5)-Table is similar to the tables used in private practice physician or clinic. Its versatile design, durable clinical performance and multi-use features make it one of the most popular and cost effective choices on the market today.
3. **Sonography Simulators** (Quantity 5)
  - **Simtics Trans-vaginal Simulator**-Students are able to simulate a vaginal pelvic exam through the use of a computer software package. This is a procedure that students cannot perform on each other, so it better prepares them prior to entering their clinical rotation.
  - **Abdominal Simulator**-This abdominal torso has abdominal organ with a rib cage for trans-abdominal, subcostal and intercostal scanning. Students can scan and perform studies without having a real patient. This has pathology within the simulator that mimics real life situations that students may encounter.
  - **Fetal Simulator (pregnant abdomen with fetus)**-This simulates a pregnant abdomen with fetus. The center of the simulator can be removed and fetal position may be moved in different planes. The abdomen is not translucent so fetal position must be determined by the student. Biometry of fetal parts, and imaging of routine structures required by ACOG can be performed. Placenta is in place as well as amniotic fluid and uterine wall.

- **Fetal Simulator (translucent)**-this is a translucent fetal model that is submerged in fluid to mimic amniotic fluid of the womb. Fetal lie, and some basic biometry can be performed.

#### 4. **Miscellaneous Equipment**

- **Abdominal Torso X2**-Abdominal anatomy and removable parts.
- **Observation Screen**-For student evaluation, a two way screen to evaluate students without invading a patient's privacy.
- **Desk Top Personal Computers**-Testing programs, software and case studies are loaded on computers to give access to tools to better prepare them for completion of the program and success in the workforce.
- **Anatomical Models**-Various anatomical 3D anatomical models.
- **Digital Monitor**-To project presentations and case studies. High Resolution to display ultrasound and other modality images without a loss of fine detail.

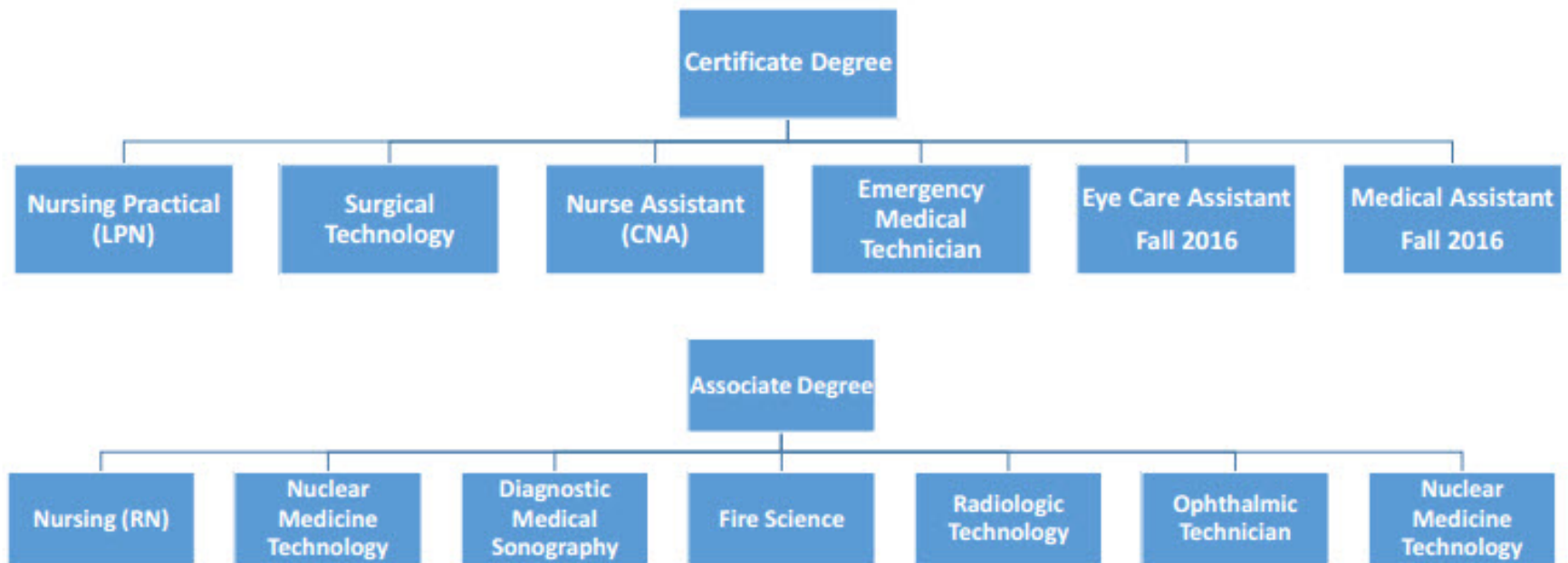
### **Nursing and Allied Health**

1. **Anatomege Tables** (Quantity 2) is the most technologically advanced anatomy visualization system for anatomy education and is being adopted by many of the world's leading medical schools and institutions. Table is a combination of unique hardware and software for the educational community. The form factor resembles an operating table or hospital bed and the real patient contents perfectly illustrate the anatomical realism of a living human.
2. **Two NASCO Life/form® Blood Pressure Simulator** (Quantity 2)-a simulator for teaching physical assessment, this Blood Pressure Simulator helps resolve the uncertainties common in teaching students to take blood pressure. With this realistic unit, the student can find the preset results and the instructor can unfailingly know if the student has performed the procedure accurately. The electronically generated sounds are digitally recorded.
3. **Venipuncture and Injection Training Arms/Venipuncture Arms** (Quantity 3)-are the ideal way to teach venipuncture and injection techniques including starting IVs and introducing Over the Needle IV catheters. Realism begins with fine detail - right down to the fingerprints. But most important is the realistic feeling of puncture through the vinyl skin and latex veins. The skin actually rolls as you palpate the vein and the characteristic "pop" can be felt as the needle penetrates the vein. Veins are accessible at the antecubital fossa, along the forearm, and at the back of the hand, making it possible to practice venipuncture at any of the common sites. Practice of intramuscular injection is equally realistic.
  - Venipuncture Arm-Light Skin
  - Venipuncture Arm-Med Skin
  - Venipuncture Arm-Dark Skin
4. **Human Simulators Mannequins-High-Fidelity** (Quantity 4)-manikin-based simulators gives students the opportunity to immerse themselves in a simulated clinical scenario that looks and feels real.
  - **SimMan 3G**-is an advanced patient simulator that can display neurological symptoms as well as physiological. It is simple to operate and features innovative technology such as automatic drug recognition.
  - **SimMom**-is an advanced full body birthing simulator with accurate anatomy and functionality to facilitate multi-professional obstetric training of birth management, with both manual and automatic delivery modes. Learning to make quick decisions during child birth can mean the difference between life and death.
  - **SimBaby**-is an advanced infant patient simulator ideal for training in all aspects of infant care. With realistic anatomy and clinical functionality, SimBaby is suitable for all types of training - from routine care to critical emergencies.
  - **SimJunior**-represents a 6 year old boy that simulates a wide range of conditions from a healthy, talking child to an unresponsive, critical patient with no vital signs. SimJunior allows learners to focus on a broad range of pediatric skills in order to gain exposure and practical experience of life-threatening pediatric problems.
5. **Mid Fidelity Mannequins** (Quantity 2)-patient simulators that safely allows for the training of clinical skills, cognitive thinking and behavioral communication in a professional healthcare setting. A manikin can be used in a real or simulated healthcare environment such as a medical simulation center.
  - **VitalSim SimPad Nursing Kelly**-is a full-body, lifelike manikin designed to teach all skills from basic patient handling to advanced nursing, including the measurement of noninvasive blood pressure and the auscultation and recognition of normal and abnormal heart, lung and bowel sounds.
  - **VitalSim SimPad Nursing Ann**-is a manikin designed for scenario-based training for the care and management of a wide variety of in-hospital patients. Nursing Anne is an efficient, effective, flexible manikin for clinical training in women's health, obstetrics, post-partum, wound assessment and care, and general patient assessment and care.
6. **Patient Beds**
  - **The CareAssist® ES Medical Surgical Beds** provides essential and dependable technologies for delivering effective quality care. The CareAssist ES Med Surg Bed provides easy to use solutions to help

caregivers manage patient safety, comfort, and positioning. With its transport capabilities and easy maintenance, this med surg bed meets the fundamental needs of the care setting.

- 4 Beds in the Practice Lab
  - 10 Beds in each of the Nursing Labs = Total 20 Beds
  - 1 Bed in each of the Sim Rooms = Total 2 Beds
  - 1 in the demo classroom
  - **Affinity® 4 Birthing Bed**-a birthing bed to help make the birthing process safe for the patient and caregiver.
  - **Hill-Rom Newborn Bassinet** (Quantity 3)
  - **Pedicraft Crib with IV Pole**
7. **Medication Dispensing Cart** (Quantity 3)-mobile medication workstation. Streamlines the medication administration process and provides safe and secure transportation of medications from the automated dispensing cabinet (ADC) to the patient's bedside.
  8. **Infusion Pumps** (Quantity 6)-general-purpose infusion device that provides precise delivery of multiple therapies across the general spectrum of clinical care.
  9. **Enteral Feeding Pump** (Quantity 7)-Tube feeding Pump features pre-set volume and overflow infusion safeguards to ensure the correct and consistent delivery of nutrition. The easy-to-use controls make set-up and operation of the unit intuitive.
  10. **Hoyer Lifts**-Patient Lifts/Electric lifts to move and reposition patients.
  11. **Mobile Sphygmomanometers and Wall Units**-for measuring blood pressure.
  12. **Welch Allyn CP 150 Resting Electrocardiograph (ECG) (Quantity 2)**-an electrocardiogram (EKG or ECG) is a test that checks for problems with the electrical activity of your heart. An EKG shows the heart's electrical activity as line tracings on paper. CP 150 traditional box ECG features like full-size printouts and clinical decision with a simple touchscreen interface, fast one-button operation, and flexible connectivity options.
  13. **Automatic Vital Signs Cart**-is a portable blood pressure and vitals unit ideal for facilities requiring easy-to-use, hospital-grade vital signs technology.

### Triton College Health Career Programs



Program	Description
<a href="#">Nursing, Associate Degree Nursing, Practical</a>	<p>Triton's Nursing program provides students with a basic knowledge of nursing theory and practice, humanities, and social and biological sciences. Clinical experiences are provided in a variety of settings. Graduates earn an associate in applied science degree and qualify to sit for the National Council Licensing Examination (NCLEX) for the registered nurse. Students may choose to sit for the NCLEX for the practical nurse after successful completion of the first two semesters of the program and <a href="#">NUR 190</a>. Students are required to achieve a satisfactory score on a standardized comprehensive nursing exam prior to graduation with a Practical Nursing certificate or associate in applied science degree. Students who are unsuccessful in completing the PN or RN standardized comprehensive nursing exams, during enrollment in <a href="#">NUR 190</a> or <a href="#">NUR 290</a>, may enroll in <a href="#">NUR 095</a> for Practical Nurse certificate or Associate in Applied Science degree (AAS) completion. Candidates for the PN and RN-NCLEX are required by law to meet fingerprinting requirements, submit to a criminal background check and report conviction of any criminal offenses as part of the licensure application process. The program is approved by the Illinois Department of Financial and Professional Regulation, 100 West Randolph, Suite 9-300, Chicago, IL 60601, (312/814-4500). The associate in applied science degree is accredited by the Accreditation Commission for Education in Nursing (ACEN), 3343 Peachtree Road NE, Suite 850, Atlanta GA 30326 (800/669-1656), Website: <a href="http://www.acenursing.org">www.acenursing.org</a>. The Practical Nurse Certificate is a non-accredited certificate program.</p> <p>Admission is determined by a point system based on a nursing pre-entrance test, GPA for college level prerequisite courses (<a href="#">RHT 101</a>, <a href="#">PSY 100</a>, and <a href="#">BIS 136</a> or <a href="#">BIS 240</a>), and previous college academic history. Candidates are required to meet CPR, health, criminal background check with no findings, alcohol breath testing and drug screening requirements prior to entry into the clinical setting. Preference is given to candidates who are permanent residents of Triton College's district. Nursing is a selective admission program with preference for admission given to the most highly qualified individuals for the available seats. Nursing courses have a higher tuition rate and fees.</p> <p><b>Program prerequisites:</b></p>

	<ul style="list-style-type: none"> <li>• High school graduation or GED</li> <li>• Attendance at a Nursing Information Session is highly recommended</li> <li>• Score of four on college math, reading and writing placement tests</li> <li>• Acceptable scores on nursing pre-admission test*</li> <li>• Computer proficiency (word processing, email, Internet use) as evidenced by transcripts, employer documentation, student documentation or completion of <b>CIS 100</b></li> <li>• COURSES -- All courses must be completed with grade of "C" or better  <i>One year high school level completed within five years of program entry or one semester college equivalent</i>  Algebra (<b>MAT 055</b>)  Biology* (<b>BIS 101</b>)  Chemistry* (<b>CHM 110</b> or <b>CHM 140</b>)  <i>College Level — Cumulative GPA of 2.5 or better is required for the three college-level course prerequisites. No substitutions.</i>  <b>RHT 101</b>  <b>PSY 100</b>  <b>BIS 136</b> or <b>BIS 240</b>  <b>BIS 136</b> or <b>BIS 240</b>* must be completed within five years of program entry. The five-year limit for biology and chemistry may be waived provided <b>BIS 136</b> or <b>BIS 240</b> is taken within five years of program entry. <b>BIS 136</b> or <b>BIS 240</b> may be taken concurrently with first semester nursing courses if entering program within eight months after high school completion. Students entering program within eight months of high school graduation need a minimum 2.5 GPA for Biology, Chemistry, <b>RHT 101</b> and <b>PSY 100</b>.  *Students may be admitted pending completion of Introduction to Nursing Academics (<b>NUR 105</b>) with a "B" or better if they: <ul style="list-style-type: none"> <li>• are admitted based on established criteria on the pre-nursing admission test AND/OR</li> <li>• earned a "C" grade in the biology, chemistry, anatomy and physiology prerequisites, AND/OR</li> <li>• graduated from high school within eight months of entry into the Nursing program.</li> <li>• accepted students are required to complete all health and clinical requirements prior to registration for <b>NUR 130</b>, <b>NUR 135</b>, <b>NUR 145</b>, <b>NUR 155</b>, <b>NUR 185</b>, <b>NUR 190</b>, <b>NUR 225</b>, <b>NUR 235</b>, <b>NUR 245</b>, <b>NUR 255</b> and <b>NUR 290</b></li> </ul> </li> </ul>
<b><u>Nurse Assistant Certificate</u></b>	<p>Designed to prepare nursing assistants to provide care in various health care settings under the direction of a registered nurse. The program includes development of fundamental nursing skills through lectures, laboratory activities and clinical experience. Students may also complete elective courses to gain knowledge and practical skills in ethical and legal responsibilities, medical terminology, venipuncture, and electrocardiography.</p> <p>Upon successful completion of the Nurse Assistant program requirements, the graduate receives a certificate and becomes eligible to take the Illinois Nurse Aide Test, which is required for certification by the Illinois Department of Public Health (IDPH). The program is approved by the Illinois Department of Public Health, 525 W. Jefferson St., Springfield, IL 62761, (217) 785-5133.</p> <p><b>Program prerequisites:</b></p> <ul style="list-style-type: none"> <li>• Have a criminal history records check as prescribed by the Health Care Worker Background Check Act (225 ILCS 46) with no disqualifying convictions;</li> <li>• have no administrative finding of abuse, neglect or misappropriated property in Illinois or any other state;</li> <li>• must have valid Social Security card and proof of employment authorization, if individual is not a U.S. citizen, such as a Resident Alien Card, U.S. Visa, Form I-94 or Permanent Resident Card;</li> <li>• must be at least 16 years of age, of temperate habits and good moral character, honest, reliable and trustworthy;</li> <li>• must have completed at least eight years of grade school or provide proof of equivalent knowledge;</li> <li>• must be able to speak and understand English or a language understood by a substantial percentage of a facility's residents; and</li> <li>• take the college placement tests and score 50-69 on the reading portion. Students score below 50 on the reading placement test must be enrolled concurrently in a reading class.</li> </ul>
<b><u>Diagnostic Medical Sonography</u></b>	<p>The Diagnostic Medical Sonography program provides patient services using diagnostic ultrasound under the supervision of a physician who is responsible for the use and interpretation of ultrasound procedures. The Sonographer assists in gathering data necessary to help reach a diagnostic decision.</p>

	<p>Diagnostic Medical Sonography (ultrasound) is a fast-growing medical specialty in the imaging field. Graduates are employed in medical centers and hospitals. The program provides students with theory, lab and clinical instruction in general Diagnostic Medical Sonography. They are also introduced to peripheral vascular imaging.</p> <p>Accredited by the Commission on Accreditation of Allied Health Education programs, 1361 Park St., Clearwater, FL 33756, in cooperation with the Joint Review Commission of Education in Diagnostic Medical Sonography (JRCDS), 6021 University Boulevard, Suite 500, Ellicott City, MD 21043, (443) 973-3251, phone, (866) 738-3444, fax, <a href="http://www.jrcdms.org">www.jrcdms.org</a>, website.</p> <p><b>Program prerequisites:</b> AHL 115♦, Introduction to Imaging Physics or PHY 100♦, General Physics, BIS 240♦, Human Anatomy &amp; Physiology I, RHT 101♦, Freshman Rhetoric &amp; Composition I, AHL 120♦, Medical Terminology and MAT 085, Algebra &amp; Geometry II. All coursework must be completed with a grade of "C" or better. Math and Science courses must not be more than five years old. To waive the Math requirement, the student may place at level 6 on the college's placement exam in the past two years.</p>
<a href="#"><u>Nuclear Medicine Technology</u></a>	<p>Nuclear Medicine uses small amounts of radioactive materials to diagnose and treat patients. The Nuclear Medicine technologist administers the radiopharmaceutical and images the area or organ of interest to detect the gamma radiation being emitted from the patient. The scanners used for imaging, whether a gamma camera, Single Photon Emission Tomography (SPECT) or a Positron Emission Tomography (PET) detectors are integrated with computers to provide detailed images showing function and anatomy. Some procedures are acquired simultaneously in conjunction with a Computerized Tomography (CT) study to create PET/CT and SPECT/CT images. Graduates of the program are employed as entry-level technologists in variety of settings from hospitals, clinics and medical imaging centers anywhere in the United States.</p> <p>Triton's two-year associate's degree Nuclear Medicine Technology program is the only one of its kind offered by an Illinois community college.</p> <p>Accredited by the Joint Review Committee on Educational programs in Nuclear Medicine Technology, 2000 W. Danforth Road, Suite 130, #230, Edmond, OK, 73003; (405) 285-0546. Website: <a href="http://www.jrcnmt.org">www.jrcnmt.org</a>.</p> <p>Graduates qualify for the Nuclear Medicine Technology Certification Board (NMTCB) and the American Registry of Radiologic Technology (ARRT), Nuclear Medicine Registry examinations.</p> <p><b>Program Prerequisites:</b></p> <ul style="list-style-type: none"> <li>• Must read and write at college level; College level reading and writing can be demonstrated by course equivalency, or score 20 or higher on both Reading and English ACT, or score 70 or higher on COMPASS Reading and 83 or higher on COMPASS Writing skills placement test;</li> <li>• PHY 100♦ (General Physics);</li> <li>• MAT 110♦ (College Algebra) or MAT 111♦ (Pre-calculus); in place of MAT 110♦ or MAT 111♦, students can score 26 or higher on Math ACT, or 46 or higher on the COMPASS (College Algebra) Math placement test;</li> <li>• BIS 240♦ (Human Anatomy and Physiology I).</li> <li>• Completion of the Math and Science prerequisites must not be more than five years old.</li> <li>• All prerequisite coursework must be completed with a grade of "C" or better.</li> <li>• ACT and COMPASS placement test scores must be within the last two years.</li> </ul>
<a href="#"><u>Ophthalmic Technician</u></a>	<p>Ophthalmic technology is a rapidly expanding field with a growing demand for qualified technicians.</p> <p>The ophthalmic technician, under the direct supervision of an ophthalmologist, assists in patient care. Ophthalmic technicians perform case histories, visual acuity measurement, visual field testing, refractometry, contact lenses care, and assist in minor ophthalmic surgery.</p> <p>Accredited by the Commission on Accreditation of Ophthalmic Medical Programs (CoA-OMP), 2025 Woodlane Dr., St. Paul, NY 55125-2998. Employment opportunity in the field are excellent due to an increase in the number of support personnel employed by ophthalmologists and a rising demand for eye-care services.</p>
<a href="#"><u>Radiologic Technology</u></a>	<p>Radiologic technologists operate X-ray equipment to perform diagnostic examinations ordered by a patient's physician.</p> <p>A two-year program that offers classroom, a digital technology college laboratory and clinical site experiences at various Chicago metropolitan area hospitals.</p>

	<p>Employment opportunities exist in hospitals, clinics and medical imaging centers.</p> <p>Accredited by the Joint Review Committee on Education in Radiologic Technology (JRCERT), 20 N. Wacker Dr., Suite 900, Chicago, IL 60602-2901, (312) 704-5300. Graduates qualify for the National Registry Examination given by American Registry of Radiologic Technologists (ARRT) and Illinois licensure.</p> <p>Program prerequisites include:</p> <ul style="list-style-type: none"> <li>• Must read and write at a college level. College-level reading and writing can be demonstrated by course equivalency, or score 20 or higher on both Reading and English ACT, or score 70 or higher on COMPASS Reading and 83 or higher on COMPASS Writing skills placement test;</li> <li>• <b>MAT 085</b> or higher within the last five years. In place of <b>MAT 085</b>, students can core 23 or higher on Math ACT, or COMPASS college algebra score of 31 or higher OR COMPASS algebra score of 66-100 (Algebra) on the COMPASS Math placement test (ACT and COMPASS placement scores must be within the last two years);</li> <li>• <b>*BIS 136</b> or <b>*BIS 240</b> (Completion must be within the last five years);</li> <li>• <b>AHL 120</b> (Completion must be within the last five years);</li> <li>• <b>All coursework must be completed with a grade of "C" or better.</b></li> </ul>
<a href="#"><u><b>Surgical Technology Certificate</b></u></a>	<p>Prepares the student to work as a part of a team providing surgical patient care. Surgical technologists often function in the scrub role, but their responsibilities may include a variety of duties before, during and after surgery. Employment opportunities exist in hospitals, surgical centers, birthing centers and other health care facilities.</p> <p>The program includes theory, simulation laboratory and clinical components. Students receive supervised experience at several cooperating area hospitals.</p> <p>Accredited by the Commission on Accreditation of Allied Health Education programs, 1361 Park Street, Clearwater, FL 33756, (727) 210-2350, in cooperation with the Accreditation Review Council on Education in Surgical Technology and Surgical Assisting, 6 West Dry Creek Circle, Suite 110, Littleton, CO 80120, (303) 694-9262. Graduates qualify to apply to the National Board of Surgical Technology and Surgical Assisting for eligibility to sit for the Certified Surgical Technologist examination.</p>
<a href="#"><u><b>Fire Science</b></u></a>	<p>The Fire Science program is designed for individuals pursuing a career in fire service and related fields. Some fire departments offer hiring, promotional, and salary incentives to associate degree program graduates. This program is based on the curriculum recommended by the Fire Emergency Services Higher Education (FESHE) division of the United States Fire Administration (USFA).</p> <p>Other areas of employment for Fire Science graduates include fire equipment sales and service, municipal fire protection, fire prevention inspection in industry and architectural firms, investigation for insurance companies and emergency medical services. Upon petition, students who have completed programs approved by the Illinois State Fire Marshall's Office will be granted equivalent credit toward an associate's degree in Fire Science.</p> <p>Courses from this program may transfer into Southern Illinois University at Carbondale (SIUC) Fire Service Bachelor of Science, after review with a program advisor. In addition, courses from this program may transfer to other colleges and universities that allow students to transfer into a four-year program. For more information, contact the college or university in which you wish to transfer.</p>
<a href="#"><u><b>Emergency Medical Technician</b></u></a>	<p>The primary focus of the Emergency Medical Technician (EMT) is to provide basic emergency medical care and transportation for critical and emergent patients who access the Emergency Medical System (EMS). This individual possesses the basic knowledge and skills necessary to provide patient care and transportation and will function as part of a comprehensive EMS response plan, under medical oversight. EMTs perform interventions with the basic equipment typically found on an ambulance and is a link from the scene to the emergency health care system.</p>



## ACCREDITATION

**Triton College-Health Careers-Programmatic Accreditation**

Agency	Contact
<u><a href="#">Accreditation Commission for Education in Nursing (ACEN)</a></u> <u><a href="#">Nursing</a></u>	3343 Peachtree Road NE, Suite 850 Atlanta, GA 30326 T: (404) 975-5000 F: (404) 975-5020 <u><a href="mailto:info@acenursing.org">info@acenursing.org</a></u>
<u><a href="#">Commission on Accreditation of Allied Health Education Programs (CAAHEP)</a></u> <u><a href="#">Diagnostic Medical Sonography</a></u> <u><a href="#">Surgical Technology</a></u> <i>Medical Assistant (*Pending Accreditation)</i>	1361 Park Street Clearwater, FL 33756 T: (727)-210-2350 F: (727)-210-2354 <u><a href="mailto:updates@caahep.org">updates@caahep.org</a></u>
<u><a href="#">Joint Review Committee on Education in Diagnostic Medical Sonography (JRCEDMS)</a></u> <u><a href="#">Diagnostic Medical Sonography</a></u>	6021 University Boulevard, Suite 500 Ellicott City, MD 21043 T: (443)-973-3251 F: (866)-738-3444 <u><a href="mailto:mail@jrcdms.org">mail@jrcdms.org</a></u>
<u><a href="#">Accreditation Review Council on Education in Surgical Technology (ARC-STSA)</a></u> <u><a href="#">Surgical Technology</a></u>	6 W. Dry Creek Circle, Suite #110 Littleton, CO 80120 T: 303-694-9262 F: 303-741-3655 <u><a href="mailto:info@arcstsa.org">info@arcstsa.org</a></u>
<u><a href="#">Joint Review Committee on Educational Programs in Nuclear Medicine Technology (JRCNMT)</a></u> <u><a href="#">Nuclear Medicine Technology</a></u>	2000 W. Danforth Rd. STE 130, #203 Edmond, OK 73003 T: (405) 285-0546 F: (405) 285-0579 <u><a href="mailto:mail@jrcnmt.org">mail@jrcnmt.org</a></u>
<u><a href="#">Commission on Accreditation of Ophthalmic Medical Programs (CoA-OMP)</a></u> <u><a href="#">Ophthalmic Technician</a></u>	2025 Woodlane Dr. St. Paul, MN 55125 T: 651.731.7245 F: 651.731.0410
<u><a href="#">Joint Review Committee on Education in Radiologic Technology (JRCERT)</a></u> <u><a href="#">Radiologic Technology</a></u>	20 N. Wacker Drive, Suite 2850 Chicago, IL 60606-3182 T: (312) 704-5300 F: (312) 704-5304 <u><a href="mailto:mail@jrcert.org">mail@jrcert.org</a></u>
<u><a href="#">Illinois Department of Public Health (IDPH)-Nursing Assistant Program</a></u> <u><a href="#">Nurse Assistant Certificate</a></u>	535 West Jefferson Street Springfield, Illinois 62761 T: (217)-785-5133 F: (217)-524-0137 <u><a href="mailto:DPH.HCWR@Illinois.gov">DPH.HCWR@Illinois.gov</a></u>