

Virginia Western Community College has an Associate in Applied Science Degree in Surgical Technology.

Pam Woody & Jasmine Terry process completed academic files for applicants applying to Dental Hygiene, Nursing, Practical Nursing, Radiography, Radiation Oncology, Medical Lab. Technician, Physical Therapist Assistant, Surgical Technology, and OTA (coming Fall 2025, pending approval.) All academic files to one of these Health Professions programs will be processed in the Health Professions Advising and Applications Office (HPAAO). Our office is located in Fralin Center for Science and Health Professions which is on the Virginia Western Community College campus in Roanoke, Virginia. The room number is 339 and Pam is typically in the office from Monday through Friday from 8:00-3:30. However, you may slide any application materials under the door of 339 in Fralin if the office is currently closed.

The Surgical Technology Program is a five-semester program and we accept one time a year and classes will begin in the Fall which is usually in the mid to later part of August.

We do not have a waiting list for this program. We go through an acceptance process each year to consider all applicants that have made application---in this

instance from June the year prior to June 1 deadline to the application deadline of **June 1**.

This presentation will discuss the Admissions Criteria and Process, the prerequisites for the program, the MLT Curriculum, a typical schedule for the first semester, if accepted, estimated cost of the program and some Admissions Statistics.

You may contact Ms. Yolanda Brown for general application information regarding the process and verification of the complete academic file prior to receipt of the advising letter. You may contact one of the advisors in the Health Professions Advising and Applications Office.



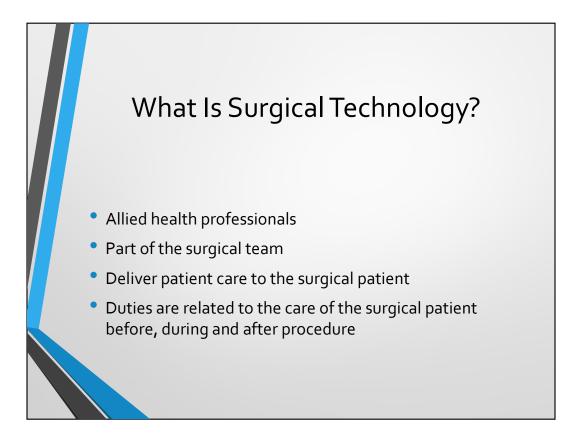
The Surgical Technology program is academically challenging in regards to it is a very intense hands-on program.

It does have a strong science orientation due to the nature of science involved in the profession.

Students are expected to use knowledge learned from previous courses listed on the plan of study (for example: previous Surg courses, anatomy, medical terminology, etc.) to build their knowledge base to prepare for cumulative national certification exam at the end of the program.

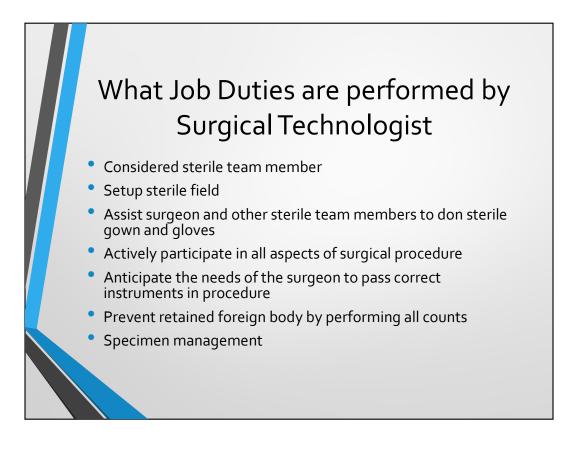
Students must utilize critical thinking skills in this program and field.

The program does consist of classroom and clinical components. At VWCC, we use the RUC facility that houses a simulated OR lab to help facilitate learning and students also go into numerous clinical sites **once they have successfully completed the lab courses.** 



Surgical Technologists are allied health professionals that work alongside other healthcare professionals such as surgeons, nurses and anesthesia care providers to deliver safe and effective patient care to the patient in surgery.

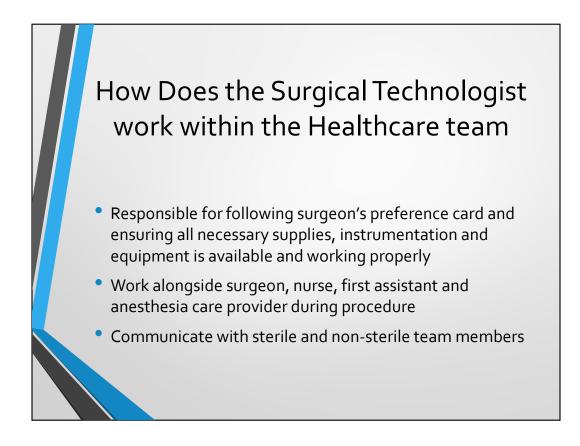
Surgical Technologists have duties related directly to the care of the surgical patient before, during and after the surgical procedure is complete.



The Surgical Technologist has patient care duties related to before, during and after the surgical procedure.

There are a ton of different duties performed by the Surgical Technologist in addition to the ones listed on the slide, such as:

- Gathering the case cart, surgical equipment and supplies needed for the case
- Arranging OR furniture
- Scrubbing in that means a surgical scrub and putting on the sterile gown and gloves to setup the sterile field
- Creating, maintaining and organizing the sterile field
- Preoperative and intraoperative counts of instruments and supplies such as sponges and suture
- Actively participate in the surgical TIMEOUT
- Passing instruments and supplies to the surgeon and other team members scrubbed in during the procedure
- Maintaining proper care of the specimens
- And MUCH, MUCH MORE!



Surgical Technologists are an integral part of the surgical team caring for the patient in surgery.

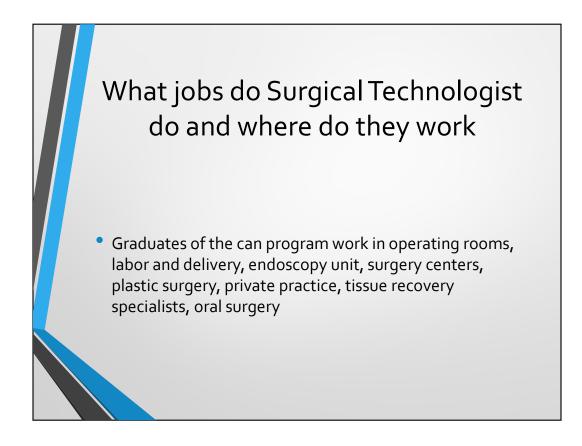
They work alongside the surgeon, registered nurse, surgical first assistant, and anesthesia care provider during procedures.

The Surgical Technologist must know all aspects of the procedure to anticipate the surgeon's needs throughout the case.

The Surgical Technologist must also know the anatomical structures and proper instrumentation needed for each surgical step.

The Surgical Technologist will communicate to all team members throughout the procedure.

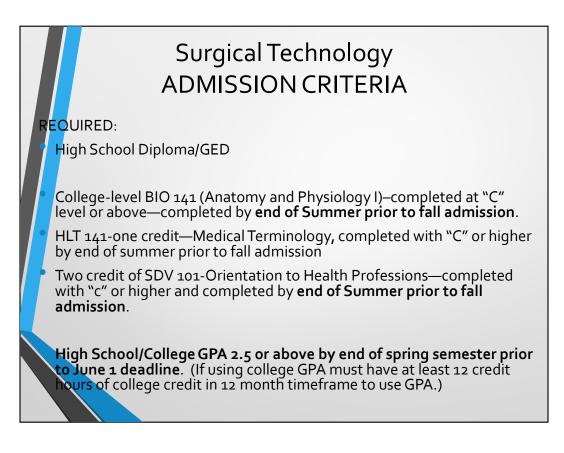
The surgeon relies on the Surgical Technologist to competently handle both planned and unplanned events that may occur throughout the procedure.



Typically graduates work in the Operating Room as a Surgical Technologist upon graduation.

They can work at a variety of settings such as operating rooms, labor and delivery, endoscopy unit, surgery centers, plastic surgery centers, as tissue recovery specialists, and in oral and maxillofacial surgery centers.

With additional experience, Surgical Technologists can gain experience to work on specialty teams such as Cardiothoracic, Vascular, Robotics, and Transplant!



In order to be considered for the ST program, you must be either a HS Graduate or have obtained a GED.

College level Bio 141-Anatomy and Physiology I completed by end of summer prior to fall admission. (Pre-requisite to BIO 141 is a recent Biology 101 ("c" or higher or NAS 2 ("s") within the last three years. The prerequisite for BIO 101/NAS 2 is Direct Enrollment into college level math or completion of any necessary developmental Math course MDE 10 or completion of math units 1-5 within the last five years.

SDV 101-two credits—Orientation to Health Professions, which is designated with a "P" on the course listing. Please note that if you have obtained a Bachelor's Degree (in the United States or provided documentation from an organization that indicates the equivalent of such in your country), we can waive the two credits of SDV 101 and award the two credits of SDV based on completion of the Bachelor's Degree (or Associate Degree).

The GPA is calculated at end of spring prior to the June 1 deadline. College GPA must be based on at least 12 credit hours of college credit in 12-month timeframe.

We look at the academic history from HS to most recent with an emphasis being placed on the most recent academic accomplishments.

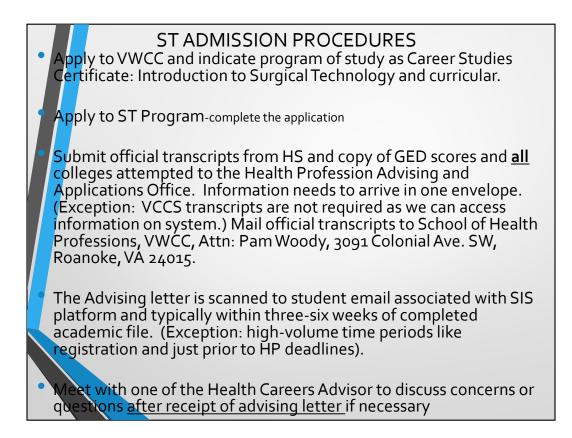
If you perform poorly in High School and come and complete 22 college credits with a cumulative 3.6, this is a good scenario.

If you perform poorly in High School and come and complete 22 college credit with a cumulative GPA of 1.7, you will not qualify for consideration based on GPA criteria.

If you perform poorly in HS, you will need 12 credit hours of college credit by end of Fall semester for us to use your college level GPA

You may wish to visit the website with the checklist for application at : https://www.virginiawestern.ehttps://www.virginiawestern.edu/academics/health-professions/surgical-technology/that outlines the application process for admission. Look under "ST Forms"

Please note that changes can be made to pre-requisites for 2025. Please pay attention to college website.



Complete the VWCC application and indicate you are interested in Career Studies Certificate (CSC): Introduction Surgical Technology. This also allows for the Admissions Office to "match" transcripts that may arrive at the Admissions Office with your academic file.

Complete the Surgical Technology Program Application and return to the Health Professions Advising and Applications Office. (Form is available from HPAAO and the HP ST website.) Please remember to list all colleges attempted on the ST application. You may attach another sheet of paper, to the ST application. with additional college information if necessary.

It is YOUR responsibility to request and determine if your file is complete by the deadline. We need OFFICIAL transcripts from ALL colleges attended/attempted (except other Virginia Community Colleges). We also need official High School even if you have an advanced degree and we'll need High School if attended thru 9<sup>th</sup> grade and completed a GED. We will need a copy of your GED scores. All items must arrive by the application deadline of **June 1**.

It is important that the information is addressed to the School of Health Profession Advising and Applications Office (not the Admissions, Records or Enrollment Offices as this delays the process).

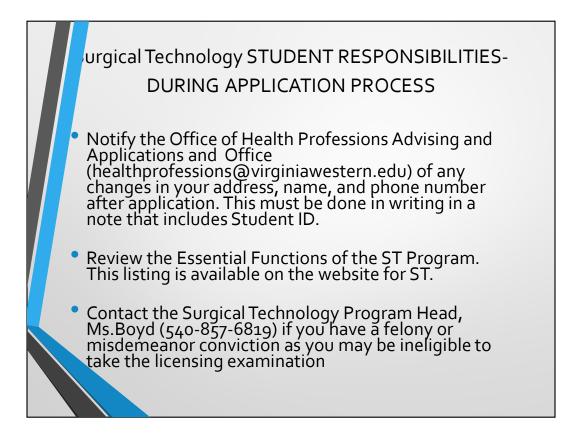
Once evaluated, applicants are sent an "advising letter" informing you about

prerequisites and career support classes. VERY IMPORTANT—IF YOU HAVE NOT RECEIVED THIS LETTER-YOU WILL NOT BE CONSIDERED. Usually there is a three to six week turn around time from receipt of complete academic file to process your file and complete the Advising letter. Please be aware that during high volume times such as registration and deadlines and the Spring semester as this will delay the processing of your file. Deadlines range from February to May for all Health Profession programs. You can expect delays during this time. The advising letter will be mailed upon completion of academic file and it will inform you of your prerequisites you have completed, the grade you rec'd in those classes, your cumulative GPA at point of application, and any college courses previously completed or currently enrolled in that can be used in ST curriculum. In addition, after acceptance in late June and through July, there could be a delay in the advising letter due to orientations and etc. over the summer months.

## Deadline is June 1 for fall semester.

It is in your best interest to **apply early** so we can advise course selection for Spring semester and etc. Even if you lack some of the prerequisites, we update your record in late May to reflect courses completed in Spring and your cumulative GPA at the end of Fall and which courses you are enrolled in for Spring. If you apply from May to December and you are currently enrolled in a non-Virginia Community College, you <u>will need</u> to provide us updated transcripts reflecting your final grades in the Fall semester. Keep in mind that this updated transcript must arrive by **June 1**.

For those ineligible to continue in the process you will receive a letter in June that will indicate why you are ineligible. Reasons for ineligibility may include missing items like updated college transcripts, or missing pre-requisites, or cumulative GPA is below the 2.5.



Anytime you move or change your name during the application process, you need to inform the Health Professions Advising and Applications Office (healthprofessions@virginiawestern.edu). We use a separate database than the college and if you inform Admissions, we will not know of the changes and we need to maintain contact with you in regards to the next step in the application process. We will need changes in writing with an identification number such as your student id and if your name changes, we will also need a copy of your marriage license or your driver's license that reflects the name change.

You need to review the Essential Functions which are available from the website to make sure that you are able to perform these functions or if we can make reasonable accommodations for any disability.

If you have been convicted of a Felony or misdemeanor, you need to contact the Program Director, Ms. Boyd, as she may be able to guide you to additional information. As you may be ineligible to set for the Board. In addition, you may not pass the background & urine drug screening that is required of all HP students in relation to our contract with our clinical sites. If you do not receive a clear criminal background check or negative drug screening the clinical sites may not allow you to go for clinical and therefore, you will be unable to fulfill your clinical requirements.

## ST STUDENT RESPONSIBILITIES-if accepted

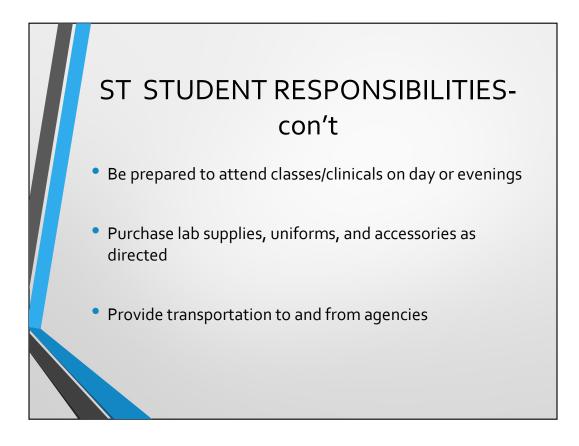
Attend ST Orientation-typically held later in June

Admission contingent upon receipt of satisfactory medical examination, CPR certification, negative drug screening and clear criminal background check

Maintain a "C" average in SUR and clinical course and the support (non-SUR) classes in the curriculum

Your Admission is contingent upon satisfactory receipt of medical examination, the required CPR certification, clear criminal background check and a negative urine drug screening. The forms and the amounts of the above and other cost associated with the beginning of the program will be discussed at orientation that is held in mid-June once we have selected our class and they have accepted their positions,. CPR is generally provided by VWCC during the summer semester. (HLT 105 and 106 at VWCC can both be completed to satisfy the CPR requirement.) You will need to wait to obtain your CPR as a specific type is required. You will be notified at orientation the type that is required and the offerings that VWCC will be having (if any) during the summer prior to the beginning of Fall semester.

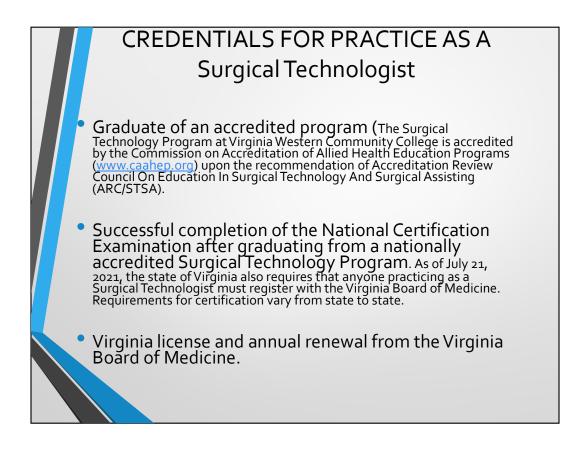
In addition, your responsibilities include maintaining at least a "C" average in all of your SUR courses and the support classes of non-Sur prefix courses (like BIO 142, ENG 111, PHI 220 etc.)



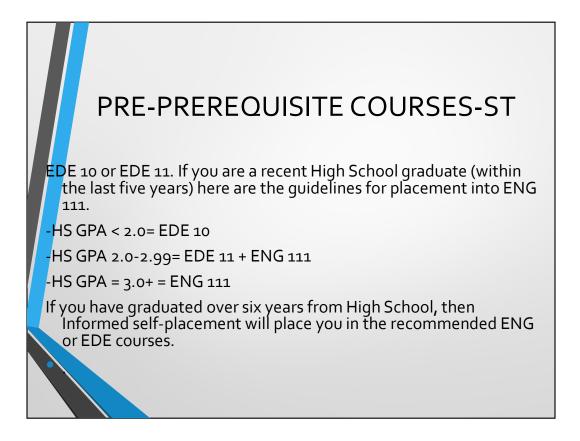
Your orientation will include information in regards to the supplies, uniforms, and monies that are required to begin the program. Classes and clinical for ST are generally held during the day. Clinicals for the program will begin in the summer semester of the program.

Program orientation will also include information required to obtain clinical clearance for the upcoming clinical rotations. The hospitals require that students pass a drug screen, background check and have specific immunizations. You will be given more detailed information about this at program orientation.

Of course, providing transportation to and from the college and our clinical sites are your responsibility.

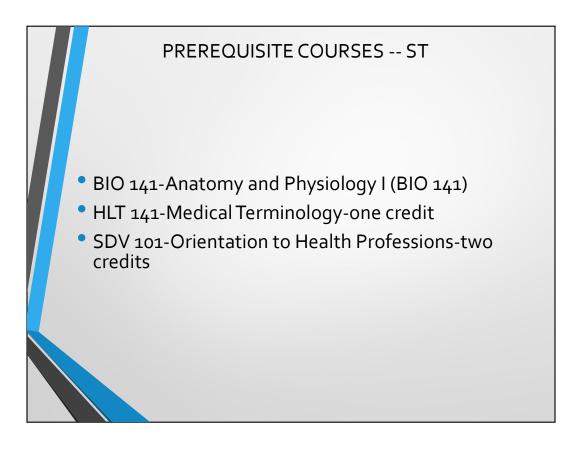


I have included the credentials necessary for practice in this slide. As a matter of note, the average pass rate for the VWCC Surgical Technologist graduate on the exam was 100% for spring 2024 graduates of the program.



Depending on your academic history it may be necessary for you to take certain English preparatory courses. Joint Venture applicants, please work closely with the Counseling Office, at your college, to determine the appropriate English course that is needed, if not previously completed. VWCC applicants will need to work with New Student Advisor in assessing the need for discussion regarding your course sequencing. Sometimes it is necessary to complete the English writing sequence of a non-credit English to assist you with some skills and then move to other courses offered at the college.

Readiness for ENG 111/EDE 11 is required before BIO 101, PSY 230 and other courses requiring reading. For instance, if you need to register for EDE 11 and ENG 111 and plan to complete BIO 101, you will need to either be enrolled in the EDE 11 and ENG 111 as well as BIO 101 or complete the sequence of EDE 11 and ENG 111 prior to enrolling



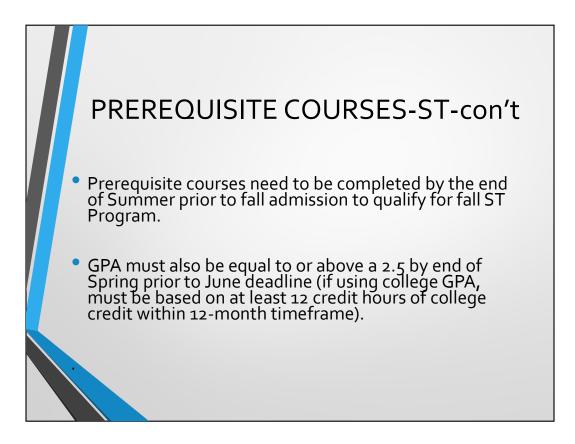
BIO 141-Anatomy and Physiology I (BIO 141) is typically offered in the Fall, Spring and Summer semesters. However, for admission purposed, the BIO 141 must be completed with a final grade of "C" or higher by the end of spring prior to fall admission

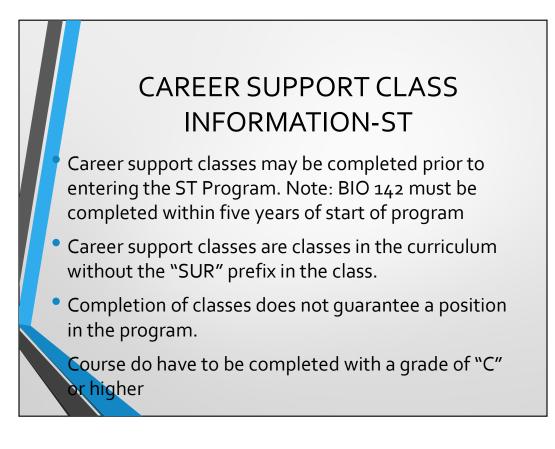
The prerequisite course for the 141 is recent college Biology, within the last three years, grade of "c" or higher, or completion of NAS 2 within the last three years, with a grade of "s", or completed of challenge exam at 75% or higher within the last three years to place into BIO 141 and the eligibility for ENG 111. Pre-requisite for BIO 101 is successful completion of MDE 10 or placing into college level math and co-requisite of ENF3/111 or ENG 111 placement.

Also, remember the Anatomy and Physiology it must be within the last five years of beginning the program.

HLT 141-Medical Terminology—one credit (three credit HLT 143 can be used to satisfy provided the course was completed with grade of "c" or higher

SDV 101-Orientation to Health Professions

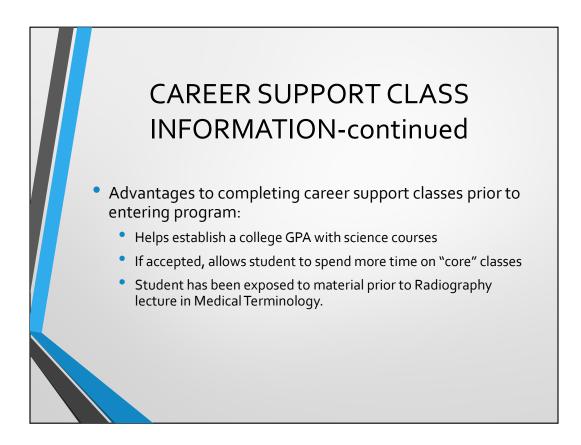




In addition to the pre-requisites there are career support classes that can be completed prior to entering the ST program.

Career support classes are classes within the curriculum that do not have the "SUR" prefix. This would include courses for instance like BIO 142, ENG 111, PSY 230, PHI 220-Ethics. These will be listed on a following slide.

You are encouraged to complete some of the support classes prior to entering the program but it is not mandatory that you do so. Most of the applicants have completed some, if not all of the support classes. However, keep in mind that completion of the support classes do not guarantee you Admission into the program. If you are accepted into the ST program without completing the support classes, you will take the curriculum as outlined in a following slide.



There are several advantages to completing the support classes prior to entering the program. One of them would be, it would allow you as a student, if you were to be accepted into the program, to spend more time on your core ST classes.

Another advantage to completing career support classes prior to entering is the timeframe for you to associate previous learning with current learning. Studies have shown the more times a student is exposed to material and the student's ability to associate and relate previously learning---it assist with retention and recall of information.

Once again, you are encouraged, if possible, to complete some of the support classes prior to entry. However, it is not mandatory, and we do have students who enter the program w/o completing the support courses prior to entry and they are successful. Just remember it is an intense two-year program.

ST- CURRICULUM					
Prior to First Semester	FALL	SPRING	SUMMER	FALL	SPRING
BIO 141 4 HLT 141 1 SDV 101 2 cr	BIO 142-4 SUR 130-2-intro SUR 135-2-infect control SUR 140-3-Sur Care I SUR 145-3-Surgical Care Skills II	SUR 150-2- Instru SUR 240-3-Sur Care II SUR 245-3-sur SalisII SUR 250-2-Sur Pharm ENG 111-3 HLT 105-1	SUR 195-2-Topics SUR 230-5-Clinical Applications.	SUR 210-3-Procedures SUR 260-8- Clinical Practicum PSY 230-3	SUR 296-5- On-site training SUR 298-4-Seminar PHI 220-3 TOTAL (Incl BIO 344/HLT 344/SDV ) 68 Cr.

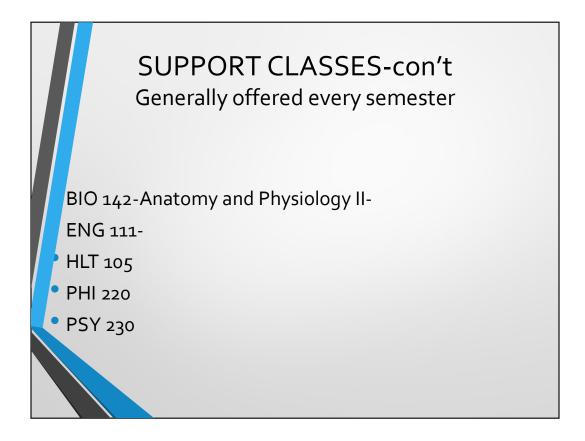
## **Fall**

Spring

Summer

Fall-2<sup>nd</sup> year

Spring



BIO 142

ENG 111

HLT105-1 credit can be obtained by completing HLT 105 and this will allow you to be certified in Health Care Provider CPR. If you are certified in the required CPR, American Heart Association BLS Adult, Child and Infant with AED training, we will be able to use a copy of your CPR card to equate to this one credit course. Therefore, you will not need to complete the HLT 105 credit. CPR card must remain valid for entire program duration.

PHI 220-Ethics

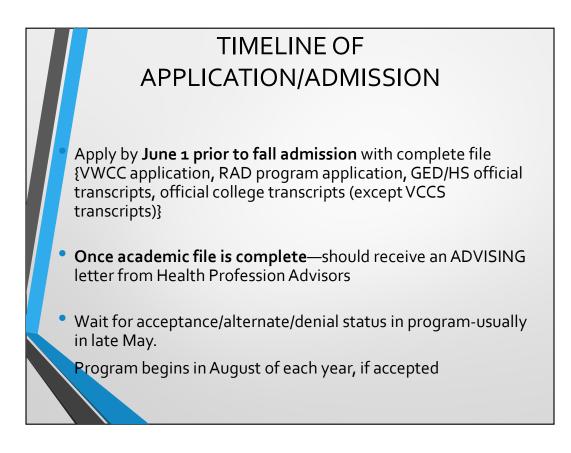
PSY 230 Developmental Psychology

## PICAL SCHEDULE FOR Surgical Technology CLASSES

Students should be prepared to be in class five days a week during the day. While the schedule may vary slightly from semester to semester, students will be in classes/lab/clinical at a minimum of at least four full days per week. The clinical rotation consists of two full days per week, in the summer semester and three full days/week in the fall and spring semesters. The lab courses consist of three-hour labs scheduled three days during the week in the first two semester.

Typical schedule—can always change.

If you are accepted into the program, you will receive your first semester schedule at orientation, in June, and fall classes will begin in August.



The process of application---once again the deadline is June 1 and all items must be at VWCC on or before that date.

The process includes completing a VWCC application and indicating pre-Surgical Technology on your program of interest. Also, need to complete the program application, official High School transcripts, a copy of your GED scores, if applicable. Remember if you obtained a GED and completed at least through 9<sup>th</sup> grade of High School, we will need both the GED scores and an official HS transcript. We also need official HS transcripts if you have obtained advanced degrees. We need official transcripts from all colleges attempted, except VWCC and other Virginia Community Colleges. It is best for the above to arrive in one envelope to the HPAAO.

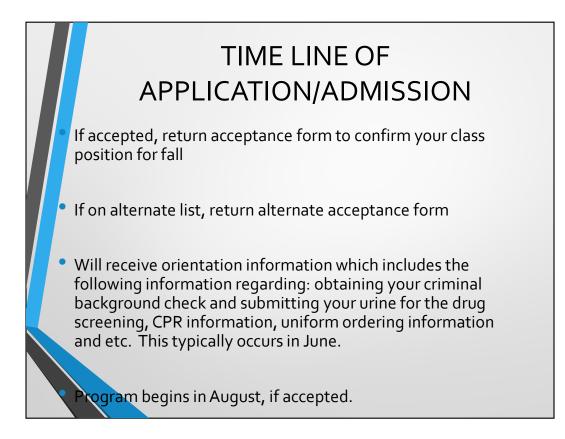
We do encourage you **to apply early** to the program, not because priority is given because none is given for early application—but it allows us a chance to review your academic file and offer course suggestions.

Once your academic file is complete, you'll receive the Advising letter that I have previously mentioned. The Advising Letter will verify your pre-requisites, your cumulative GPA at point of application, and college courses, if applicable, that can be utilized in the Surgical Technology curriculum. If you've applied from June,

after June 1 deadline-December prior to June deadline of following year---we will update your records in late May in regards to courses completed in the spring semester and what your cumulative GPA is after the spring semester and what courses you are currently enrolled in for the Summer semester. If your GPA is above a 2.5 and you have completed or are currently enrolled in any missing prerequisites for Summer, we'll send you a letter regarding the next step in the process. If your GPA is below 2.5 or you are missing prerequisites for Summer, we'll send you a letter in June informing you of your ineligibility to be considered for the program and indicate the reason.

spring semester with grades posted if you have been attending a non-VCCS.

After everyone who is eligible, the Admissions Committee will meet to select the students coming into the program. You will receive a letter informing you of our status into the program—typically in mid to late JUne.



All applicants will receive a letter of either acceptance, placed on alternate list or a not quite this year, as long as they completed the application process, with the last steps being the interview and essay/interview questions.

If you are accepted into the program, you'll need to return the acceptance forms to HPAAO and plan to attend your orientation typically held in June. If you are placed on the alternate list, you'll need to return the alternate acceptance form. If someone we've accepted into the program, declines their position, then we go to the prioritize alternate list and offer the next person a seat in the upcoming class.

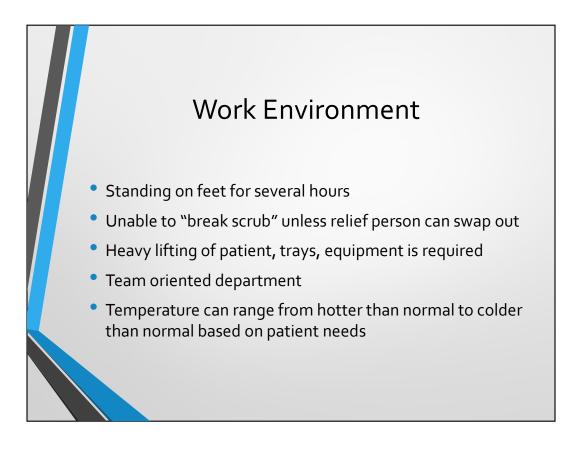
All applicants completing the application process will receive a letter informing them of their status in the program in late May as we need to wait for spring prerequisite course grades to post, if enrolled.

If you are accepted into the program, usually at mid to late June, you'll receive the orientation date for late June. The orientation will include information regarding how to obtain your criminal background check, the appropriate type of CPR required and information regarding fees due at orientation and where to obtain your uniforms.



Once accepted, we'll provide you with a contact person in the Financial Aid office for scholarships for allied health persons that could be possibly beginning in the fall or sometimes begin in spring.

The estimated book cost is for the Surgical Technology books only. Other general education courses like PHI 220 and PSY 230 and etc. will be an additional book cost.

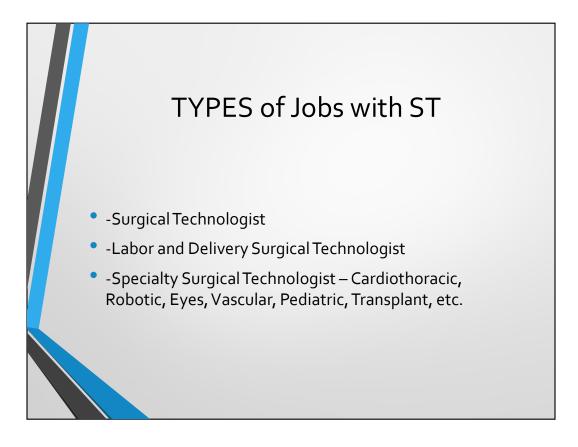


The environment can vary based on the level of urgency of the procedure, surgical specialty, patient needs and facility dynamics.

All procedures will have times where there are more stressful moments, but it is vital that the Surgical Technologist remains calm and focused on the task at hand. This greatly contributes to the success of the procedure.

Even in stressful procedures, the role of Surgical Technologist is incredibly rewarding knowing that you are a key player in maintaining a safe and effective surgical environment for this patient.





With added experience in the field of Surgical Technology, there are many positions that you can obtain such as:

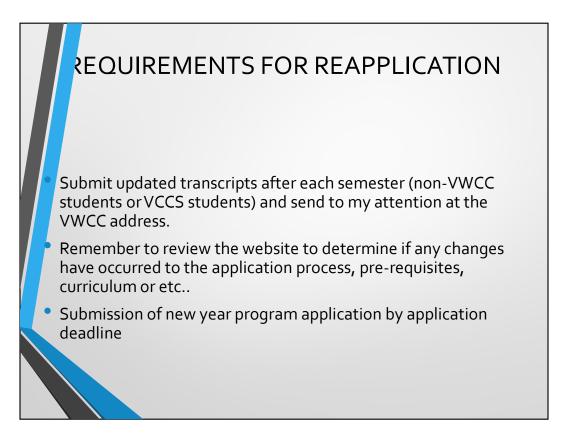
-device sales representative

-specialty trained – cardiac, vascular, robotic, transplant, pediatrics, eyes, etc.

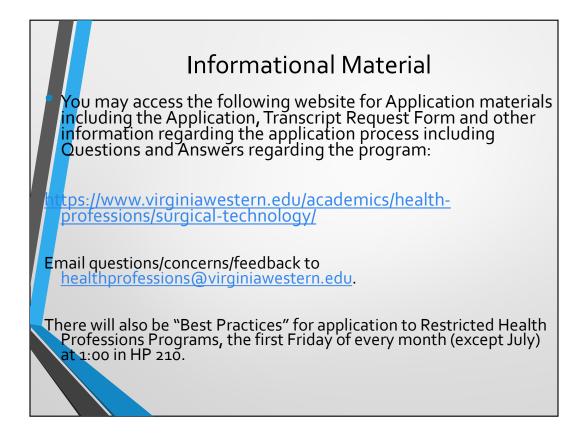
-labor and delivery

-management in central sterile department (varies per facility requirements)

-specialty team coordinator (varies per facility requirements)



If you applied to the fall program and you were not accepted, you are encouraged to reapply to the following fall program. To do this you would need to submit a new Surgical Techology program application, we would not need transcripts that you have already submitted, except for updated one if applicable. You would also need to submit a new application for new fall program and you could increase your chances by strengthening your academics. Keep reviewing the website for any changes in the process, pre-requisites, curriculum and etc.



Our information packet, includes the information previously mentioned, questions and answers about our program, the transcript request form, and other information can be accessed at this website, if you are unable to access this information or to download this information, you are welcome to contact our office.

If you would like to provide feedback regarding this presentation, please contact the Health Professions Advising and Applications Office using the email address listed here.