

## Technical and Vocational Programs

### A 45 74 0 Surgical Technology – Associate in Applied Science

#### CONCENTRATION OVERVIEW

The Surgical Technology curriculum prepares individuals to assist in the care of the surgical patient in the operating room and to function as a member of the surgical team. Students will apply theoretical knowledge to the care of patients undergoing surgery and develop skills necessary to prepare supplies, equipment, and instruments; maintain aseptic conditions; prepare patients for surgery; and assist surgeons during operations. Employment opportunities include labor/delivery/emergency departments, inpatient/outpatient surgery centers, dialysis units/facilities, physicians' offices, and central supply processing units.

Students of Commission on Accreditation of Allied Health Education Programs (CAAHEP) accredited programs are required to take the national certification exam administered by the National Board on Certification in Surgical Technology and Surgical Assisting (NBSTSA) within a four-week period prior to or after graduation.

The College of the Albemarle Surgical Technology program is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP) ([www.caahep.org](http://www.caahep.org)) upon the recommendation of the Accreditation Review Committee - Surgical Technology/Surgical Assisting (ARC-ST/SA). Commission on Accreditation of Allied Health Programs, 9355 – 113th St. N, #7709, Seminole, FL 33775 Phone: 727-210-2350

Upon completion of this concentration, graduates will be able to apply to take the national certification exam for Surgical Technologists which is administered by the National Board of Surgical Technology and Surgical Assisting. Employment opportunities include labor/delivery/emergency departments, inpatient/outpatient surgery centers, dialysis units/facilities, physicians' offices, and central supply processing units.

#### Student Learning Outcomes – Upon completion of the program, students will:

1. Value the professional attributes and acquire an understanding of the ethical/legal/moral/and medical values of the surgical technologist role.
2. Demonstrate and integrate principles of surgical asepsis as part of the preoperative, perioperative and postoperative experience.
3. Demonstrate the ability to work collaboratively as a surgical technologist with interdisciplinary health care team.
4. Correlate the elements, action, and use of medication and anesthetic agents used during the preoperative, perioperative and postoperative setting/experience.
5. Demonstrate a safe level of practice and knowledge in the scrub and nonscrub roles of the surgical technologist.
6. Correlate the knowledge of anatomy, physiology, pathophysiology, and microbiology to the role of the surgical technologist.

**Partnership: N/A**

**Some Health Sciences and Wellness Programs may have additional requirements related to required GPAs, grades, and other progression policies required for graduation. Please see program handbooks for more information.**



## A 45 74 0 Surgical Technology – A.A.S.

First Year Fall Semester Course Number and Title	Pre-Requisites and Co-Requisites	Class Hours	Lab Hours	Clinical Hours	Total Contact Hours	Total Credit Hours
MED 121 Medical Terminology I	Pre-Requisites: ENG 025	3			3	3
BIO 163 Basic Anatomy & Physiology (BIO 168 and BIO 169 will also be accepted)	Pre-Requisites: ENG 025 and either BIO 090 or one unit of HS Biology	4	2		6	5
SUR 110 Introduction to Surgical Technology	Pre-Requisites: Enrollment in Surgical Technology Program Co-Requisites: SUR 111	3			3	3
SUR 111 Periop. Patient Care	Pre-Requisites: Enrollment in Surgical Technology Program Co-Requisites: SUR 110	5	6		11	7
ACA 111 College Student Success (ACA 122 will also be accepted)	Pre-Requisites: None	1			1	1
<b>TOTAL SEMESTER HOURS</b>		<b>16</b>	<b>8</b>		<b>24</b>	<b>19</b>
First Year Spring Semester Course Number and Title	Pre-Requisites and Co-Requisites	Class Hours	Lab Hours	Clinical Hours	Total Contact Hours	Total Credit Hours
BIO 275 Microbiology	Pre-Requisites: BIO 111, BIO 163, BIO 165, or BIO 168	3	3		6	4
SUR 122 Surgical Procedures I	Pre-Requisites: SUR 110 and SUR 111 Co-Requisites: SUR 123	5	3		8	6
SUR 123 SUR Clinical Practice I	Pre-Requisites: SUR 110 and SUR 111, BIO 163 Co-Requisites: SUR 122			21	21	7
MED 122 Medical Terminology II	Pre-Requisites: MED 121	3			3	3
<b>TOTAL SEMESTER HOURS</b>		<b>9</b>	<b>8</b>	<b>21</b>	<b>38</b>	<b>20</b>
First Year Summer Semester Course Number and Title	Pre-Requisites and Co-Requisites	Class Hours	Lab Hours	Clinical Hours	Total Contact Hours	Total Credit Hours
SUR 134 Surgical Procedures II	Pre-Requisites: SUR 123 Co-Requisites: SUR 135	5			5	5
SUR 135 SUR Clinical Practice II	Pre-Requisites: SUR 123 Co-Requisites: SUR 134			12	12	4
ENG 111 Writing & Inquiry	Pre-Requisites: ENG 025	3			3	3
<b>TOTAL SEMESTER HOURS</b>		<b>8</b>		<b>12</b>	<b>20</b>	<b>12</b>

Second Year Fall Semester Course Number and Title	Pre-Requisites and Co-Requisites	Class Hours	Lab Hours	Clinical Hours	Total Contact Hours	Total Credit Hours
ENG 112 Argument-Based Research	Pre-Requisites: ENG 111	3			3	3
PSY 150 General Psychology	Pre-Requisites: ENG 025	3			3	3
SUR 137 Professional Success Prep.	Pre-Requisites: SUR 123, SUR 134, SUR 135 Co-Requisites: SUR 210, SUR 211 and SUR 212	1			1	1
SUR 210 Adv. SUR Clinical Practice	Pre-Requisites: SUR 134 and SUR 135 Co-Requisites: SUR 137, SUR 211 and SUR 212			6	6	2
SUR 211 Advance Theoretical Concepts	Pre-Requisites: SUR 134 and SUR 135 Co-Requisites: SUR 137, SUR 210 and SUR 212	2			2	2
SUR 212 Clinical Supplement	Pre-Requisites: SUR 134 and SUR 135 Co-Requisites: SUR 137, SUR 210 and SUR 211			12	12	4
HUM 115 Critical Thinking OR PHI 240 Introduction to Ethics	Pre-Requisites: ENG 025	3			3	3
<b>TOTAL SEMESTER HOURS</b>		<b>12</b>	<b>0</b>	<b>18</b>	<b>30</b>	<b>18</b>
<b>TOTAL SEMESTER HOURS REQUIRED FOR ASSOCIATE DEGREE</b>						<b>69</b>