Surgical Technology (A45740)

Associate in Applied Science

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 of Surgical Technology and Surgical Assisting (NBSTSA) within 30 days prior to or after graduation.

General Admission Requirements

1. Detailed current information for interested applicants is located at http://www.rockinghamcc.edu/admissions/pre-health-sciences-requirements. Applicants must submit all required documentation by established deadlines detailed on the Surgical Technology acceptance time line.

2. Students must be able to fulfill all Program Performance Standards as outlined in the health sciences admission policy.

3. Student are encouraged to attend a Surgical Technology Information session.

4. Complete minimum admission requirements by the end of April of the admission year.

5. Admission to all RCC Health Science programs is a competitive process. Applicants are evaluated based upon academic performance.

6. Applicants must have a cumulative GPA of 2.5 or higher in Surgical Technology general education courses by the published deadline date for submitting Candidate Review Forms to the Admissions Office. Applicants not meeting the cumulative GPA requirements will not be reviewed by the program area for admission.

7. Students must successfully complete the following courses with a "C" or higher before enrolling in the first Surgical Technology class:
      ENG 111 and MED 120

8. Students must successfully complete the following courses with a "C" or higher for the Surgical Technology program:
      BIO 163, BIO 175, BUS 137, CIS 110, ENG 114, PSY 150, Humanities/Fine Arts elective, and Mathematics elective.

9. All transcripts must be on file in the Admissions Office in order for a student to be considered for admission.

10. Upon program acceptance students must submit to a background check, drug screening and medical review/screen to include physical examination and immunizations. All fees associated with background check, drug screen and medical review are the responsibility of the student.

11. It is the student's responsibility to review all [program materials](#) and stay current with the program requirements, policies and procedures.

Surgical Technology Program Performance Standards

Performance Standards

Individuals enrolled in the Surgical Technology Program are expected to be able to perform certain activities to maintain standards of safety and execute assigned duties. The surgical technology student must possess the following skills or abilities to maintain satisfactory progression in the program.

Critical Thinking skills: The surgical technology student must possess critical thinking skills sufficient for clinical judgment. This involves identifying cause and effect relationships in clinical situations.

Interpersonal skills: The surgical technology student should possess interpersonal skills sufficient to interact with individuals, families, and groups from a variety of social, economic, emotional, cultural, and intellectual backgrounds. For example, the student should be able to establish a helping relationship with patients, families, and colleagues.

Communication: The surgical technology student should possess communication skills sufficient for interaction with others in a verbal and written format. Examples: perform patient teaching, write progress notes, interpret physician's orders, provide verbal report to staff, record patient responses to treatments, consult with patient's family members, or physicians.

Mobility: The surgical technology student should possess physical skills to walk about the clinical site at a brisk pace, stand for extended periods, and lift pans of instruments and boxes of supplies. The surgical technology student should possess the ability to maneuver in small spaces. For example, the student must be able to perform all duties of a surgical technologist.

Motor Skills: The surgical technology student should possess gross and fine motor skills sufficient to provide safe and effective patient care. Examples: calibrate equipment, transfer or position patients, and all duties of a surgical technologist.

Hearing: The surgical technology student should possess auditory skills sufficient to monitor and assess patient care and safety needs. For example, the student must be able to hear monitor alarms, emergency signals, and the ability to understand spoken words in the operating room environment directly affected by noise of the surgical procedure and ambient room noise.

Visual: The surgical technology student should possess visual skills sufficient for observation and assessment of the patient, environment, and equipment necessary in providing patient care. For example, the student must be able to see very small needles the size of an eyelash.

Tactile: The surgical technology student should possess tactile skills sufficient for physical assessment, manipulate surgical instruments or equipment, and detect movement. For example, the student must be able to palpate a pulse, body sites, determine skin temperature, and prepare small surgical instruments and supplies.

Weight-Bearing: The surgical technology student should possess the ability to maneuver and move 40-50 lbs. on a weekly or daily basis. For example, the student must be able to position and transfer patients.

Surgical Technology Program Costs

Surgical Technology program students should be prepared to incur additional expenses beyond tuition and college fees.
Outlined below are estimated expenses and are subject to change:

CPR Certification	$10
Medical exam	$100
Immunizations (which includes but not limited to	
Hep B, TB, Flu, childhood immunizations)	$300
*Drug Screen & Background Check	$114
Malpractice insurance	$80
Uniform	$75
AST Membership	$45
Student Accident Insurance	$10
Certification Exam	
(Certified Surgical Technologist) CST	$190 (Association of Surgical Technologist Member Cost)
	$290 (Association of Surgical Technologist Non-Member Cost)

Surgical Technology Program

Program Prerequisites: *Students admitted to the Surgical Technology must successfully complete the following courses with a "C" or higher prior to enrolling in the first Surgical Technology [SUR] class.*

		Class	Lab	Clinical	Credit
ENG 111	Writing and Inquiry	3	0	0	3
MED 120	Survey of Medical Terminology	2	0	0	2

		Class	Lab	Clinical	Credit
Fall Semester					
BIO 163	Basic Anatomy & Physiology	4	2	0	5
SUR 110	Introduction to Surgical Technology	3	0	0	3
SUR 111	Perioperative Patient Care	5	6	0	7
		12	8	0	15
Spring Semester					
BIO 175	General Microbiology	2	2	0	3
SUR 122	Surgical Procedures I	5	3	0	6
SUR 123	Surgical Clinical Practice I	0	0	21	7
		7	5	21	16
Summer Semester					
SUR 134	Surgical Procedures II	5	0	0	5
SUR 135	Surgical Clinical Practice II	0	0	12	4
		5	0	12	9
Fall Semester					
BUS 137	Principles of Management	3	0	0	3
Humanities/Fine Arts Elective		3	0	0	3
Mathematics Elective		3-4	0	0	3-4
SUR 210	Advanced Surgical Clinical Practice	0	0	6	2
SUR 211	Advanced Theoretical Concepts	2	0	0	2
		11-12	0	6	13-14
Spring Semester					
PSY 150	General Psychology	3	0	0	3
CIS 110	Introduction to Computers	2	2	0	3
ENG 114	Professional Research & Reporting	3	0	0	3
SUR 137	Professional Success Prep	1	0	0	1
		9	2	0	10

TOTAL CREDITS: 68-69

Humanities/Fine Arts Elective - Choose **one** of the following:
> UGETC: ART 111, ART 114, ART 115, ENG 231, ENG 232, ENG 241, ENG 242, MUS 110, MUS 112, PHI 215, PHI 240
> Gen Ed: HUM 115, REL 110

Math Elective – Choose **one** of the following:
> MAT 143, MAT 152, MAT 171

Surgical Technology Diploma (D45740)

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.

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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 of Surgical Technology and Surgical Assisting (NBSTSA) within 30 days prior to or after graduation.

General Admission Requirements

1. Detailed current information for interested applicants is located at http://www.rockinghamcc.edu/admissions/pre-health-sciences-requirements. Applicants must submit all required documentation by established deadlines detailed on the Surgical Technology acceptance time line.

2. Students must be able to fulfill all Program Performance Standards as outlined in the health sciences admission policy.

3. Student are encouraged to attend a Surgical Technology Information session.

4. Complete minimum admission requirements by the end of March of the admission year.

5. Admission to all RCC Health Science programs is a competitive process. Applicants are evaluated based upon academic performance.

6. Applicants must be have a cumulative GPA of 2.5 or higher in Surgical Technology general education courses by the published deadline date for submitting Candidate Review Forms to the Admissions Office. Applicants not meeting the cumulative GPA requirements will not be reviewed by the program area for admission.

7. Students must successfully complete the following courses with a "C" or higher before enrolling in the first Surgical Technology class:
   ENG 111 and MED 120

8. Students must successfully complete the following courses with a "C" or higher for the Surgical Technology program:
   BIO 163 and BIO 175

9. All transcripts must be on file in the Admissions Office in order for a student to be considered for admission.

10. Provisionally accepted students must submit to a background check, drug screening and medical review/screen to include physical examination and immunizations. All fees associated with background check, drug screen and medical review are the responsibility of the student.

11. It is the student's responsibility to review all program materials and stay current with the program requirements, policies and procedures.

Surgical Technology Diploma (D45740)

Program Prerequisites: Students admitted to the Surgical Technology must successfully complete the following courses with a "C" or higher prior to enrolling in the first Surgical Technology [SUR] class.

			Class	Lab	Clinical	Credit
ENG	111	Writing and Inquiry	3	0	0	3
MED	120	Survey of Medical Terminology	2	0	0	2

Fall Semester

			Class	Lab	Clinical	Credit
BIO	163	Basic Anatomy & Physiology	4	2	0	5
SUR	110	Introduction to Surgical Technology	3	0	0	3
SUR	111	Perioperative Patient Care	5	6	0	7
			12	**8**	**0**	**15**

Spring Semester

BIO	175	General Microbiology	2	2	0	3
SUR	122	Surgical Procedures I	5	3	0	6
SUR	123	Surgical Clinical Practice I	0	0	21	7
			7	**5**	**21**	**16**

Summer Semester

SUR	134	Surgical Procedures II	5	0	0	5
SUR	135	Surgical Clinical Practice II	0	0	12	4
SUR	137	Professional Success Prep	1	0	0	1
			6	**0**	**12**	**10**

TOTAL CREDITS: 46