

Associate Degree Surgical Technology

Associate in Science

DIVISION OF HEALTH SCIENCES

Day and Evening Options

The Surgical Technology Program prepares graduates to function as members of the surgical team, assisting the surgeon, operating room nurse, or anesthesia personnel in a variety of surgical arenas. Theory and practice of surgical asepsis are the focuses of the program. Students develop knowledge and skills in maintaining aseptic technique within the surgical areas of health care delivery. The curriculum combines didactic, laboratory and clinical experience with an emphasis on acquiring clinical skills. The study of operating room technology is planned sequentially, making use of all prior learning so that students can synthesize course material and focus on applying it in operating room practice. Students will have clinical experiences in a variety of surgical cases. Students must pass the NBSTSA (National Board of Surgical Technology and Surgical Assisting Association) Certifying Examination to work as a Surgical Technologist in the Commonwealth of Massachusetts.

The Accreditation Review Committee on Education in Surgical Technology & Surgical Assisting (ARCST/SA) accredits the Surgical Technology Program. The Associate in Science in Surgical Technology degree is awarded upon completion of the program.

ADMISSIONS REQUIREMENTS

Admissions to the AS in Surgical Technology program is competitive. Applicants seeking admission to the Associate Degree Surgical Technology program will be evaluated by GPA and total number of program-related college-level credits completed. Applicants must also meet all other required course prerequisites for the program.

Minimum eligibility for admissions to this program includes:

- High School diploma or equivalent;
- Applicants to the AS in Surgical Technology are required to attend a program-specific information session (within 1 year from your anticipated date of start). Times and dates for these sessions can be located at: [Information Session Schedule](#);
- MassBay Placement into Freshman English I (EN 101) or completion of Fundamentals of Composition II (098);
- Completion of MA095/MA105X/MA106X, or placement into MA098/MA102X/104X or higher;
- Successful completion of Reading Assessment Test with a score of 246 or higher;
- BI 101 General Biology (4 credits), Completion of BI-101 with a grade of C or higher;
- HL 103 Medical Terminology (3 credits), Completion of HL 103 with a grade of C or higher.

PREFERENTIAL ELEGIBILITY

Preferential eligibility for admissions to this program includes applicants who:

- Already completed BI 215 Anatomy & Physiology I, BI 217 Anatomy & Physiology II and/or BI 223 Fundamentals of Microbiology.
- Have completed other general education courses required in the AS Surgical Technology program.
- Have graduated from a credit-based Central Processing Technology Program.

Once students have been admitted to the Associate Degree Surgical Technology program, the following pre-program requirements must be completed:

Orientation:

Surgical Technology students are required to attend a New Student Orientation and Registration session, which occurs about 6 weeks prior to the start of the semester.

Required Pre-Entry Documentation:

In order to be eligible to start class all new students are required to create a [Castle Branch](#) account initiated **at least 6** weeks in advance of the **first day of class**. All required forms and documentation mentioned below must be uploaded to [CastleBranch](#) accounts by/on the first day of class in ***Fundamentals of Surgical Technology***. **Failure to complete this step will result in the student being withdrawn from the program.**

Forms and documentation required:

- Medical clearance and proof of immunizations as outlined in the admissions paperwork and the Division of Health Sciences handbook. A complete list of the required immunizations can be found on the [Division of Health Sciences](#) web pages.
- Documentation from a healthcare provider stating that you have a positive Hepatitis B titer, or have completed the Hepatitis B vaccine series and are a “non-responder” to the vaccine. **You must allow a minimum of 6 months to complete this process** and the process must be completed by the first day of the Surgical Technology program.
- Proof of CPR certification is required for the program. The Healthcare Provider Card (from the American Heart Association) and the Professional Rescuer Card (from American Red Cross or National Safety Council) are the only types of CPR certification that meet this requirement.
- Completion of CORI (Criminal Offender Record Information) and SORI (Sexual Offender Registry Information) in accordance with state regulations (CORI and SORI results are confidential). If a CORI/SORI report is returned with a finding(s), this might prohibit progression in a Health Sciences Program. A National County Criminal Background check will be conducted as part of the student’s completion of the clinical requirements. If a background check is returned with findings this might prohibit progression in a Health Sciences Program. **More information is available on the [Division of Health Sciences](#) pages on the [MassBay](#) website.**

PROGRAM FOOTNOTES:

A grade of C (73%) or higher is required for all Surgical Technology (SX), Central Processing (CY), Health Sciences (HL) and science courses. Sciences courses must be taken within five years of acceptance in the Surgical Technology program.

Quantitative skills are a MassBay graduation competency for associate degree programs. Prior to graduation, students must demonstrate this competency by completing a 100-level math course (not MAC); or placing into a 200-level mathematics course.

Math Electives: MA 102, MA104, MA 105, MA 106, MA 200

See next page for curriculum sheet.

Associate Degree Surgical Technology Curriculum Sheet

COURSE	COURSE TITLE	CREDITS
BI 101	General Biology I w/ Lab	4
HL103	Medical Terminology	3
	Pre-Requisites Credits	7

COURSE	COURSE TITLE	CREDITS
<i>First Year</i>	<i>Semester 1</i>	
BI 215	Anatomy and Physiology I w/ Lab	4
EN 101	English Composition I	3
CY 102	Surgical Technology: Principles of Central Processing I	2
SX 100	Fundamentals of Surgical Technology	3
	credits:	12
<i>First Year</i>	<i>Semester 2</i>	
BI 217	Anatomy and Physiology II w/ Lab	4
EN 102	English Composition II	3
CY 103	Surgical Technology: Principles of Central Processing II	2
SX 106	Perioperative Patient Care & Aseptic Technique Lab I	4
SX 107	Surgical Procedures I	3
	credits:	16
<i>First Year</i>	<i>Semester 3</i>	
SX 116	Perioperative Patient Care & Aseptic Technique Lab II	4
SX 117	Surgical Procedures II	3
	credits:	7
<i>Second Year</i>	<i>Semester 4</i>	
SX 200	Clinical Experience I	4
	Math Elective	3/4
BI 223	Fundamentals of Microbiology w/ Lab	4
PS 101	Introduction to Psychology	3
	credits	14/15
<i>Second Year</i>	<i>Semester 5</i>	
SX 220	Seminar in Surgery	3
SX 210	Clinical Experience II	4
CT 100	Critical Thinking	3
CS 100	Computers and Technology	3
	credits:	13
	Total Credits	62/63