

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.

Mass Bay's AS in Surgical Technology program will prepare entry-level Surgical Technologists who are competent in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains to enter the profession.

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)
- 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) 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: **To be eligible to start class**, all new students are required to create a Viewpoint account at least 6 weeks in advance of the first day of class. All required documentation mentioned below must be uploaded to your Viewpoint account by the first day of class in **Fundamentals of Surgical Technology**. Failure to complete this 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 the CORI Criminal/Sex Offender Record Information and SORI (Sexual Offender Registry Information) in accordance with state regulations (CORI and SORI results are confidential). If there is 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.

More information is available on the [Division of Health Sciences](#) pages on the MassBay website.

Associate Degree Surgical Technology Curriculum

COURSE	COURSE TITLE	CREDITS
<i>First Year</i>	<i>Semester 1</i>	
EN 101	English Composition I	3
CY 101	Principles of Central Processing I	3
SX 100	Fundamentals of Surgical Technology	3
	credits:	9
<i>First Year</i>	<i>Semester 2</i>	
BI 217	Anatomy and Physiology II w/ Lab	4
EN 102	English Composition II	3
SX 106	Perioperative Patient Care & Aseptic Technique Lab I	4
SX 107	Surgical Procedures I	3
	credits:	14
<i>First Year</i>	<i>Semester 3</i>	
SX 120	Introduction to Clinical Procedures	1
SX 116	Perioperative Patient Care & Aseptic Technique Lab II	4
SX 117	Surgical Procedures II	3
	credits:	8
<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	58/59

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, MA 104, MA 105, MA 106, MA 200

Associate Degree Surgical Technology Prerequisite Curriculum

Prerequisites		
COURSE	COURSE TITLE	CREDITS
	<i>Prerequisites</i>	
BI 101	General Biology I w/ Lab	4
	OR	
BI 215	Anatomy and Physiology I w/ Lab	4
HL103	Medical Terminology	3
	Prerequisite credits:	7

* Registration for PS101 requires placement into EN101