

# Surgical Technology

## Certificate

### DIVISION OF HEALTH SCIENCES

FOR DAY AND EVENING OPTIONS, PLEASE VISIT THE: ["PROGRAM START SCHEDULE"](#)

The Surgical Technology Program prepares graduates to function as members of the surgical team, assisting the surgeon, professional nurse, or anesthetist 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, college 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, including endoscopic and obstetrics. Students must pass the NBSTSA (National Board of Surgical Technology and Surgical Assisting Association) Certifying Examination, which is approved by the NBSTSA Advisory Board.

The Surgical Technology Program is accredited by the Accreditation Review Committee on Education in Surgical Technology.

### ADMISSION REQUIREMENTS

Students seeking admission to the Surgical Technology program will be evaluated by GPA and total number of college-level credits completed at MassBay. Priority for admission is given to current MassBay students. 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, or Associate Degree or higher.
- Placement into EN 098 Fundamentals of Composition II or completion of EN 090 Fundamentals of Composition I with a grade of C or higher.
- MassBay Placement into Introductory Algebra (MA 095) or completion of Basic Math Studies (MA 090) with a grade of C or higher.
- Successful completion of Reading Assessment Test with a score of 246 or higher.

Upon acceptance into the Surgical Technology program, students are required to attend a New Student (program-specific) orientation. Students in the program are required to verify certain immunization and health records and submit documentation thereof by published deadlines which are program-specific and determined by clinical rotation start dates. A complete list of the required immunizations can be found on Division of Health Sciences' web pages of the MassBay website by clicking the link, "[Health and Background Check Requirements](#)." Immunization requirements are in accordance with clinical site requirements and Massachusetts state law. If the student does not meet the initial published deadline, s/he will not attend the clinical rotation.

Proof of CPR certification is required for the program. The Healthcare Provider Card (from the American Heart Association) and the CPR/AED for the Professional Rescuer Card (from the American Red Cross) are the only types of CPR certification that meet this requirement.

| COURSE            | COURSE TITLE                                | CREDITS   |
|-------------------|---------------------------------------------|-----------|
| <i>Semester 1</i> |                                             |           |
| BI 101            | General Biology I w/ Lab                    | 4         |
| BI 113*           | Essentials of Anatomy and Physiology w/ Lab | 3         |
| SX 110            | Principles of Surgical Technology I         | 8         |
|                   | <b>credits:</b>                             | <b>15</b> |
| <i>Semester 2</i> |                                             |           |
| BI 223            | Fundamentals of Microbiology w/ Lab         | 4         |
| SX 120            | Principles of Surgical Technology II        | 8         |
|                   | <b>credits:</b>                             | <b>12</b> |
| <i>Semester 3</i> |                                             |           |
| SX 130            | Principles of Surgical Technology III       | 7         |
|                   | Social Science Elective                     | 3         |
|                   | <b>credits:</b>                             | <b>10</b> |
|                   | <b>Total Credits:</b>                       | <b>37</b> |

The student must complete the CORI (Criminal Offender Record Information) form to authorize a search of conviction and pending criminal case information under Standard Required Level I by the DCJIS (Department of Criminal Justice Information Services). The student must also complete the SORI (Sex Offender Registry Information) form. The CORI and SORI completion process will occur prior to the beginning of clinical/practicum experiences. If a CORI and/or SORI report is returned with a finding(s), it may or may not prohibit progression in a Health Sciences Program. A National County Criminal Background check will be conducted as a part of the student's completion of the clinical requirements.

Applicants to the Surgical Technology Program are required to attend a recent Information Session. Times and dates for these sessions can be located at [Information Session Schedule](#)

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

### PROGRAM FOOTNOTES

#### Social Science Electives:

Anthropology, Economics, Geography, Government, History, LA 200 Media and the Law, LA230 Law and Society, Psychology, Sociology

A grade of C or higher is required for all Surgical Technology (SX) and science courses. Science courses must be taken within five (5) years of acceptance in the Surgical Technology program.

\* A combination of Anatomy & Physiology I (BI 215) and Anatomy & Physiology II with a C or higher (BI 217) fulfills this requirement.