2014-2015

Surgical Technology

Associate in Applied Science (AAS) Degree

Technical Requirements	41
General Education/MnTC	19
TOTAL CREDITS	60

Program Information

The Anoka Technical College Surgical Technology associate in applied science (AAS) degree is a 60-credit program designed to develop skills in all phases of operating room procedures and techniques, including clinical experience in the operating room.

In addition to operating room techniques, surgical procedures, surgical instruments and equipment, students study surgical microbiology, surgical pharmacology, medical terminology, anatomy and physiology, asepsis (sterile technique), preparation of the patient for surgery,and the physical conditions that make it necessary for a person to have surgery.

Accreditation/Certification

The Surgical Technology program is nationally accredited by the **Commission on Accreditation of Allied Health Education Programs**. Graduates will take the National Certification Examination for Surgical Technologists.

Prerequisites

A background in general math, anatomy/physiology, biology, health and life sciences, medical terminology, and nursing assistant skills can be helpful. Prospective students should have the ability to work under stress, the stamina to stand for many hours without relief, and the ability to lift and move heavy operating room equipment and anesthetized patients.

A medical doctor's physical examination to verify good physical and emotional health with positive Rubella Titer or evidence of immunization is mandatory. Students are strongly encouraged to take the Hepatitis B vaccine.

Test requirements must be completed before admission to the Surgical Technology program.

- **Math**
  A score of 81 or higher on the Arithmetic portion of the Accuplacer test taken within the past 2 years or MATH 0801 with a grade of "C" or better within the past 2 years.
- **Sentence Skills**
  A score of 86 or higher on the Sentence Skills portion of the Accuplacer test taken within the past 2 years or ENGL 0101 with a grade of "C" or better within the past 2 years.
- **Reading**
  A score of 78 or higher on the Reading Comp portion of the Accuplacer test taken within the past 2 years or READ 0900 with a grade of "C" or better within the past 2 years.
- **BIOL 1106 Introduction to Biology, 4 Credits**

Second year courses are restricted to students admitted to the Surgical Technology program. A medical exam is REQUIRED.

Also see *Graduation Requirements*.

Background Study

Clinical hospitals are located in the Twin Cities metropolitan area, and students must provide their own transportation to and from these assigned clinical sites and pay for any parking fees.

State law requires that any person who provides services that involve direct contact with patients and/or residents at a health care facility have a background study conducted by the state. A student who is disqualified as a result of a background check will not be allowed to enter the program major.

If a student is disqualified, the student has the right to request reconsideration of the disqualification. It is the responsibility of the student to request reconsideration by the Commissioner of Health, if he or she chooses to do so. An applicant is considered to be disqualified while in the reconsideration process. A student who has been disqualified will not be sent to a clinical site.

Technical Education — 41 Credits

☐ COMP 1002	Computer Technologies for Communication	2
☐ *HLTH 1040	Medical Terminology	2
☐ *SURG 1003	Sterile Processing	3
☐ *SURG 1005	Surgical Microbiology	2
☐ *SURG 1010	Surgical Pharmacology	2
☐ *SURG 1026	Operating Room Theory	2
☐ *SURG 1027	Operating Room Techniques	4
☐ *SURG 1035	Operating Room Procedures I	4
☐ **SURG 1037	Operating Room Procedures II	4
☐ **SURG 2000	Operating Room Clinical	16

* These courses must be completed prior to enrolling in SURG2000.
***SURG 1037 and SURG 2000 must be taken concurrently.*

General Education/MnTC Requirements — 19 Credits

Nineteen general education credits of Minnesota Transfer Curriculum (MnTC) are required. Student is required to take:

☐ BIOL 1106	Introduction to Biology	4
☐ BIOL 2100	Anatomy & Physiology I	4
☐ BIOL 2200	Anatomy & Physiology II	4
☐ PSYC 1505	General Psychology	4
OR		
PSYC 1405	Lifespan Development	4
☐ SPCH 1200	Interpersonal Communications	3
OR		
SPCH 1120	Public Speaking	3

Graduation Requirements

All Anoka Technical College students must demonstrate basic competency in Math, English, and Reading. Competency may be demonstrated through achieving minimum cut scores in new student assessments (Accuplacer); through other assessment exemptions; or through successful completion of Basic Math, Basic English, and Reading courses, earning a "C" or higher before receiving a diploma or an associate in applied science degree.

Also see graduation standards in Anoka Technical College Student Handbook.

NOTE: Program plans are subject to change. Please contact your program advisor for the most current program information.

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This information is available in alternative formats by calling 763-576-4069. TTY users can call Minnesota Relay at 800-627-3529 • A member of the Minnesota State Colleges and Universities System • Anoka Technical College is an equal opportunity, affirmative action employer and educator. Accredited by the Higher Learning Commission.

ANOKA TECHNICAL COLLEGE

Anoka Technical College
1355 West Highway 10
Anoka, MN 55303
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AnokaTech.edu

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Transfer Opportunities

To see how this program transfers to other programs, review the Anoka Tech articulation agreements at Minnesota Transfer. Articulation agreements are transfer agreements with specific programs and partnering schools. These agreements detail how specific courses transfer to a specific program at the partnering school. For a complete list of Anoka Tech's articulation agreements listed by program please see this Minnesota Transfer link.

This program may also include Minnesota Transfer Curriculum (MnTC) courses. MnTC courses transfer to meet MnTC general education courses throughout the Minnesota State Colleges and Universities (MnSCU) system. MnTC courses from Anoka Technical College transfer to any MnSCU institution to meet the same goal areas that are met at Anoka Tech. Students are encouraged to contact the Office of Records and Registration at all transfer schools for details about the institution's transfer process and policies.

For more information please visit our Transfer page

Industry Information

Surgical technologists function mainly as a scrub person in a hospital operating room. The technologist sets up the instruments, drapes, sutures, and supplies for surgical procedures, assists the surgeon and other operating team members with gowning and gloving for surgery, and hands instruments, sutures and supplies to the surgeon throughout the operative procedure.

Surgical technologists work closely with surgeons and registered nurses, are able to anticipate the needs of the physician during surgery, and assist in the care of the patient during surgical procedures.

The ability to perform under pressure in stressful and emergency situations is a quality essential to surgical technologists. A stable temperament, a strong sense of responsibility, considerable patience, and concern for order are also required. Manual dexterity and physical stamina are vital. Technologists must be able to work quickly and accurately, be oriented to detail and integrate a number of activities according to priority. Technologists must be keenly sensitive to the needs of the patient, as well as to the needs of other members of the surgical team. Individuals who practice this profession have a strong desire to help others and make a valuable contribution to society.

Wages/Outlook/Advancement Opportunities

Surgical Technology program graduates are qualified to work in hospital operating rooms, day surgery units, OB labor and delivery, cardiovascular labs, and research labs. Overtime and call time will vary with position and place of employment.

With additional training, some technologists advance to first assistants, who help retract, sponge, and suture during surgery. They also help close and treat wounds.

Some technologists manage supply departments in hospitals. Others take jobs with insurance companies, supply services, or medical equipment companies.

Wage information is available from the Minnesota Department of Education and the Minnesota Department of Employment and Economic Development.

Start Dates

Application process for the second year begins in March

Fall Semester ..... August

Faculty Contact

Rita Schutz 763-576-4123
Becky Driscoll 763-576-4119
For service during summer hours contact Enrollment Services 763-576-7710

For information on how to apply or to schedule a tour please contact Admissions by phone 763-576-7710 or by email at info@anokatech.edu

Sample Program Sequence

Full-Time

	Fall Semester	Spring Semester
FIRST YEAR	COMP 1002 ..... 2 BIOL 2100 ..... 4 HLTH 1040 ..... 2 PSYC 1505 or 1405 ..... 4 **TOTAL 12**	BIOL 2200 ..... 4 SPCH 1200 or 1120 ..... 3 SURG 1003 ..... 3 SURG 1005 ..... 2 **TOTAL 12**
	Fall Semester	**Spring Semester**
SECOND YEAR	SURG 1010 ..... 2 SURG 1026 ..... 2 SURG 1027 ..... 4 SURG 1035 ..... 4 **TOTAL 12**	SURG 1037 ..... 4 SURG 2000 ..... 16 **TOTAL 20**

BIOL 1106 is a prerequiste for BIOL 2100. Please contact your program advisor with any questions.

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