

HERZING

ASSOCIATE OF SCIENCE IN SURGICAL TECHNOLOGY (ASST)

ASSOCIATE OF APPLIED SCIENCE IN SURGICAL TECHNOLOGY (AASST)

(The associate of applied science is offered at the Akron, Minneapolis, and Toledo campuses only)

PROGRAM DESCRIPTION

The Surgical Technology program is designed to provide students with the skills necessary to function in the operating room or as an important member of the surgical team along with surgeons, nurses, and other medical personnel to ensure proper surgical care before, during, and after a surgical procedure. Each student will be prepared for entry-level surgical technology positions in the operating room or surgical setting.

PROGRAM OBJECTIVES

Upon completion of their program, the student should be able to:

1. Demonstrate knowledge of pre-operative, intra-operative, and post-operative surgical case management.
2. Understand the role and responsibility of a surgical technologist with patient focus.
3. Communicate and interact effectively within the surgical environment.
4. Demonstrate critical thinking.
5. Incorporate the concepts of general education in analysis and decision-making.
6. Demonstrate knowledge of new technology including basic components and mechanisms in robotics, lasers, and laparoscopic technology.
7. Promote the profession by integration of standards through education and national certification (NBSTSA).
8. Think critically, both conceptually and by using mathematical analysis; write and speak effectively; use basic computer applications; and understand human behavior in the context of the greater society.

POTENTIAL JOB POSITION TITLES

Potential entry-level job titles include surgical technologist, lead surgical technologist, travel surgical technologist, sterile processing technician, or material manager.

PROGRAM CONTENT

A minimum of 65.00 semester credit hours is required for graduation.

GENERAL EDUCATION PREREQUISITES

The following general education prerequisite courses must be completed with a grade of C+ (76%) or better for a student to be continued in the Surgical Technology program:

- ◆ Anatomy and Physiology I and Anatomy and Physiology I Lab
- ◆ Anatomy and Physiology II and Anatomy and Physiology II Lab
- ◆ General Microbiology and General Microbiology Lab

All other general education courses must be passed with a grade of D (60%) or better to be continued in the Surgical Technology program.

A student who is dropped from the program for failing to achieve the minimum grade specified in the general education courses, but who otherwise meets the academic standards of the University, may transfer to another Herzing degree program and/or may reapply to the Surgical Technology program in a future cycle.

REQUIRED COURSES

All courses, 35.00 semester credit hours, are required.

Course Number	Course Name	Prerequisite	Credit Hours
HC 115	Medical Terminology for Healthcare Professionals	None	2.00
ST 102	Introduction to Surgical Technology	HC 115, SC 145, SC 145L, SC 165, SC 165L, SC 245 and SC 245L; Corequisites ST 102L and ST 111	2.00
ST 102L	Introduction to Surgical Technology Lab	HC 115, SC 145, SC 145L, SC 165, SC 165L, SC 245 and SC 245L; Corequisites ST 102 and ST 111	2.00
ST 111	Surgical Pharmacology	HC 115, SC 145, SC 145L, SC 165, SC 165L, SC 245 and SC 245L; Corequisites ST 102 and ST 102L	2.00
ST 211L	Surgical Principles and Practice I	ST 102, ST 102L and ST 111; Corequisite ST 220	2.00
ST 220	Surgical Procedures I	ST 102, ST 102L and ST 111; Corequisite ST 211L	4.00
ST 231L	Surgical Principles and Practice II	ST 211L and ST 220; Corequisite ST 240	2.00
ST 240	Surgical Procedures II	ST 211L and ST 220; Corequisite ST 231L	4.00
ST 251	Clinical Practicum I	ST 231L and ST 240	6.00
ST 261	Clinical Practicum II	ST 251; Corequisite ST 270	6.00
ST 270	Surgical Technology Examination Preparation	ST 251; Corequisite ST 261	3.00

GENERAL EDUCATION REQUIREMENTS

Students enrolled in this associate's program must complete a minimum of 28.00 semester credit hours in general education distributed among the following disciplines. Refer to the General Education section of the catalog for Herzing University courses that would satisfy these requirements. *

8.00 Semester Credit Hours in Anatomy and Physiology With Lab

3.00 Semester Credit Hours in Microbiology With Lab

1.00 Semester Credit Hours in Information Literacy

3.00 Semester Credit Hours in English Composition

3.00 Semester Credit Hours in Speech

4.00 Semester Credit Hours in Computer Applications

3.00 Semester Credit Hours in Social or Behavioral Science

3.00 Semester Credit Hours in Humanities With a Critical Thinking Focus **

* Transfer students may transfer courses that are within 1.00 semester credit hour of the courses listed above to meet these discipline requirements. Any resulting deficiency in the total of 28.00 semester credit hours required in general education may be made up with general education electives from any of the listed disciplines.

** A course with a critical thinking focus would be a course that addresses the theories and application of critical analysis with an emphasis on developing sequential reasoning skills. Examples may be courses in critical thinking, philosophy, logic, or science.

PERSONAL AND PROFESSIONAL DEVELOPMENT COURSES

2.00 semester credit hours are required.

Course Number	Course Name	Prerequisite	Credit Hours
PD 121	Professional Development I	None	1.00
PD 202	Professional Development II	None	1.00

Distribution of Clock Hours by Course					
Course or Category	Lecture	Lab	Clinical	Total Clock Hours	Credits
HC 115	30.00			30.00	2.00
ST 102	30.00			30.00	2.00
ST 102L		60.00		60.00	2.00
ST 111	30.00			30.00	2.00
ST 211L		60.00		60.00	2.00
ST 220	60.00			60.00	4.00
ST 231L		60.00		60.00	2.00
ST 240	60.00			60.00	4.00
ST 251			270.00	270.00	6.00
ST 261			270.00	270.00	6.00
ST 270	45.00			45.00	3.00
Anatomy and Physiology With Lab	90.00	60.00		150.00	8.00
Microbiology With Lab	30.00	30.00		60.00	3.00
Information Literacy	15.00			15.00	1.00
English Composition or Literature	45.00			45.00	3.00
Speech	45.00			45.00	3.00
Computer Applications	60.00			60.00	4.00
Social or Behavioral Science	45.00			45.00	3.00
Humanities With a Critical Thinking Focus	45.00			45.00	3.00
Personal/Professional Development	30.00			30.00	2.00
Totals	660.00	270.00	540.00	1,470.00	65.00

For more information about our graduation rates, the median debt of students who completed the program, and other important information, please visit our website at <http://www.herzing.edu/academics/surgical-technology>