

# SURGICAL TECHNOLOGY

## Program Description

What is a Surgical Technologist? Surgical Technologists are allied health professionals, who are an integral part of the team of medical practitioners providing surgical care to patients. Surgical technologists work under the supervision of a surgeon to facilitate the safe and effective conduct of invasive surgical procedures, ensuring that the operating room is safe, that equipment functions properly, and that the operative procedure is conducted under conditions that maximize patient safety. Surgical Technologists possess expertise in the theory and application of sterile and aseptic technique and combine the knowledge of human anatomy, surgical procedures, and implementation tools and technologies to facilitate a physician's performance of invasive therapeutic and diagnostic procedures.

## Award Options

### Surgical Technology A.A.S. (64 hours)

Surgical Technologist with their AAS Degree will have the same job responsibilities in the OR in the scrub role. Job opportunities are expanded into different roles. With the Degree you could manage a Sterile Processing Department, go into medical device sales or even teach in a Surgical Technology Program. The AAS Degree in Surgical Technology is rapidly becoming the preferred entry level for employers.

### Surgical Technology Diploma (47 hours)

Upon successful completion of the Surgical Technology Diploma the student will have the necessary skills to enter the operating room.

The surgical technologist handles the instruments, supplies, and equipment necessary during the surgical procedure. He/she has an understanding of the procedure being performed and anticipates the needs of the surgeon. He/she has the necessary knowledge and ability to ensure quality patient care during the operative procedure and is constantly on vigil for maintenance of the sterile field.

## Job Outlook

Employment opportunities for credentialed CRCST's, CST's, and CST/CFAs are in such areas as hospitals, ambulatory surgical centers, central supply departments, physician clinics and dental offices. Employment of surgical technologists is projected to grow 12 percent from 2016 to 2026, faster than the average for all occupations. The median annual wage for surgical technologists was \$46,310 in May 2017. The lowest 10 percent earned less than \$32,470, and the highest 10 percent earned more than \$67,000.

For details, please visit this link <http://www.bls.gov/oco/>



## THE *Community's* College



### SCOTT COMMUNITY COLLEGE

#### Program Director

**Matthew Wakeen**

(563)441-4067

[mwakeen@eicc.edu](mailto:mwakeen@eicc.edu)

#### Program Dean (Interim)

**Ann Lawler**

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[www.eicc.edu](http://www.eicc.edu)

Toll-free 1-888-336-3907

#### Our Web Links:

[www.eicc.edu/apply](http://www.eicc.edu/apply)

[www.eicc.edu/visit](http://www.eicc.edu/visit)

[www.eicc.edu/programs](http://www.eicc.edu/programs)

[www.eicc.edu/daretocompare](http://www.eicc.edu/daretocompare)

[www.eicc.edu/financialaid](http://www.eicc.edu/financialaid)

[www.eicc.edu/catalog](http://www.eicc.edu/catalog)

Since the colleges of EICC are continually reviewing programs, information in the course catalog may change. Please visit [www.eicc.edu/catalog](http://www.eicc.edu/catalog) for any program updates which have occurred since the most recent edition of the catalog.

Tuition and fees subject to change by the EICC Board of Trustees.

# SURGICAL TECHNOLOGY

## A.A.S. Degree

### TERM 1 – FALL START

BIO:168	Human Anatomy and Physiology I	Credits	4.00
CSC:110	Introduction to Computers		3.00
ENG:105	Composition I		3.00
HIT:139	Math for Health Care Professionals OR		3.00
MAT:110	Math for Liberal Arts		3.00
			<hr/> 13.00

### TERM 2

BIO:173	Human Anatomy and Physiology II		4.00
BIO:186	Microbiology		4.00
BUS:161	Human Relations		3.00
PSY:111	Introduction to Psychology		3.00
			<hr/> 14.00

### TERM 3

CSP:110	Infection Control/Health Regulations		2.00
FLS:141	Elementary Spanish OR		4.00
HUM:110	Changes and Choices OR		3.00
HUM:183	Living with Space, Time and Technology		3.00
HSC:113	Medical Terminology		2.00
SUR:110	Introduction to Surgical Technology		5.00
SUR:421	Surgical Tech Pharmacology		1.00
			<hr/> 14.00

### TERM 4

SPC:112	Public Speaking		3.00
SUR:225	Surgical Technology II		4.00
SUR:330	Surgical Technology Specialties		3.00
SUR:518	Clinical I		2.50
			<hr/> 12.50

### TERM 5

SUR:450	Advanced Concepts in Surgical Technology		4.00
SUR:524	Clinical II		6.50
			<hr/> 10.50

**A.A.S. Total**.....**64.00**

## A.A.S. Degree

### TERM 1 – SPRING START

BIO:168	Human Anatomy and Physiology I	Credits	4.00
CSC:110	Introduction to Computers		3.00
ENG:105	Composition I		3.00
HIT:139	Math for Health Care Professionals OR		3.00
MAT:110	Math for Liberal Arts		3.00
SPC:112	Public Speaking		3.00
			<hr/> 16.00

## Clinton Community College

1000 Lincoln Boulevard,  
Clinton, IA 52732  
(563) 244-7001  
1-800-638-0559

[www.facebook.com/clintoncommunitycollegeia](http://www.facebook.com/clintoncommunitycollegeia)

### Admissions Officer

**Heather Evans**

[hlevans@eicc.edu](mailto:hlevans@eicc.edu)  
(563) 244-7007  
FAX (563) 244-7107

## Muscatine Community College

152 Colorado Street,  
Muscatine, IA 52761  
(563) 288-6001  
1-800-351-4669

[www.facebook.com/muscatinecommunitycollege](http://www.facebook.com/muscatinecommunitycollege)

### Admissions Officer

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## Scott Community College

500 Belmont Road,  
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It is the policy of Eastern Iowa Community Colleges not to discriminate on the basis of race, color, national origin, sex, disability, age (employment), sexual orientation, gender identity, creed, religion, and actual or potential parental, family or marital status in its programs, activities, or employment practices as required by the Iowa Code §§ 216.6 and 216.9, Titles VI and VII of the Civil Rights Act of 1964 (42 U.S.C. §§ 2000d and 2000e), the Equal Pay Act of 1973 (29 U.S.C. § 206, et seq.) Title IX (Educational Amendments, 20 U.S.C. §§ 1681 - 1688), Section 504 (Rehabilitation Act of 1973, 29 U.S.C. § 794), and Title II of the Americans with Disabilities Act (42 U.S.C. § 12101, et seq.).

If you have questions or complaints related to compliance with the policy, please contact Debora J. Sullivan, Equity Coordinator, 306 W. River Drive, Davenport, Iowa 52801, 563/336-3487, [djsullivan@eicc.edu](mailto:djsullivan@eicc.edu) or the Director of the Office for Civil Rights, U.S. Department of Education, Citigroup Center, 500 West Madison, Suite 1475, Chicago, IL 60661, phone number 312/730-1560, fax 312/730-1576.

## TERM 2

BIO:173	Human Anatomy and Physiology II	4.00
BIO:186	Microbiology	4.00
BUS:161	Human Relations	3.00
PSY:111	Introduction to Psychology	3.00
		<u>14.00</u>

## TERM 3

CSP:110	Infection Control/Health Regulations	2.00
FLS:141	Elementary Spanish OR	4.00
HUM:110	Changes and Choices OR	3.00
HUM:183	Living with Space, Time and Technology	3.00
HSC:113	Medical Terminology	2.00
SUR:110	Introduction to Surgical Technology	5.00
SUR:421	Surgical Tech Pharmacology	1.00
		<u>14.00</u>

## TERM 4

SUR:225	Surgical Technology II	4.00
SUR:330	Surgical Technology Specialties	3.00
		<u>7.00</u>

## TERM 5

SUR:450	Advanced Concepts in Surgical Technology	4.00
SUR:528	Clinical	9.00
		<u>13.00</u>

**A.A.S. Total** ..... **64.00**

## Surgical Technology Diploma

### TERM 1

BIO:168	Human Anatomy and Physiology I	4.00
CSC:110	Introduction to Computers	3.00
CSP:110	Infection Control/Health Regulations	2.00
ENG:105	Composition I	3.00
HSC:113	Medical Terminology	2.00
SUR:110	Introduction to Surgical Technology	5.00
		<u>19.00</u>

### TERM 2

BIO:173	Human Anatomy and Physiology II	4.00
BIO:186	Microbiology	4.00
PSY:111	Introduction to Psychology	3.00
SUR:225	Surgical Technology II	4.00
SUR:421	Surgical Tech Pharmacology	1.00
SUR:518	Clinical I	2.50
		<u>18.50</u>

### TERM 3 - SUMMER

SUR:330	Surgical Technology Specialties	3.00
SUR:524	Clinical II	6.50
		<u>9.50</u>

**Surgical Technology Diploma Total** ..... **47.00**

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Students must complete the following clinical case requirements in order to graduate from the Surgical Technology Program:

- The total minimum number of clinical cases each student will complete is 120.
- Students are required to complete a minimum of thirty (30) cases in General Surgery. Twenty (20) of those cases should be in the First Scrub Role (as defined on page 175 of the CCST6e).
- Students are required to complete a minimum of ninety (90) cases in various surgical specialties. Sixty (60) of those cases should be in the first scrub role and evenly, but not necessarily equally distributed between a minimum of four (4) surgical specialties.
- Students are also required to have a total of 450 hours of clinical time logged, 128 for spring and 322 for summer, in order to graduate.

To be admitted to the Surgical Technology program students must have completed the prerequisites CHM: 110 and BIO: 114. These two prerequisites are required in order to take BIO:168 Human Anatomy and Physiology I. Please see the Allied Health advisor at EICC in order to determine if your high school Biology and Chemistry will satisfy those requirements or if you need to take them here at EICC.

Additionally, if you are seeking entry into the Surgical Technology Program please call or email the Program Director Matthew Wakeen to schedule an interview. During this interview you will learn many things about the Surgical Technology profession and this will help us identify you as a student for placement within the program.

### Commission on Accreditation of Allied Health Education Programs

25400 U.S. Highway 19 North, Suite 158

Clearwater, FL 33763

Phone: 727-210-2350 / Fax: 727-210-2354

Please contact [mail@caahep.org](mailto:mail@caahep.org) if you have general questions about CAAHEP.

### ARC/STSA

6 W. Dry Creek Circle, Suite #110

Littleton, CO 80120

Phone: 303-694-9262 / Fax: 303-741-3655

[info@arcstsa.org](mailto:info@arcstsa.org)

Gainful employment information for the Surgical Technology program is located at [www.eicc.edu/gainfulemployment](http://www.eicc.edu/gainfulemployment)

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