

# WESTERN DAKOTA TECH

## SURGICAL TECHNOLOGY

### Associate of Applied Science, 60 Credit Hours, 18-Month Program\*\*\*

The mission of the Surgical Technology program is to provide students with the knowledge, skills, and dedication necessary to become successful, valuable, and effective surgical technologists in the communities they serve.

Graduates of accredited surgical technology programs complete a comprehensive education in which they receive in-depth knowledge related to the operating room. This includes completion of a surgical rotation during a clinical experience. Throughout the educational experience, the surgical technology student learns the principles of asepsis and application of sterile technique. It is the position of The Association of Surgical Technologists (AST) that surgical technologists are subject matter experts in these principles. Other healthcare providers are recommended to draw upon the expertise of the surgical technologist to share their knowledge and skills in order to prevent the patient from acquiring an infection.

During the clinical portion of the program, students will complete a minimum of 120 cases of various specialties in the first or second scrub role. At the completion of all clinical requirements, students will sit for the Professional Certification of Surgical Technologist, (CST) Exam. Surgical technologists stand at the leading edge of advancements in surgical techniques and interventions using their professionalism, expertise, and abilities to make a difference.

Course No.	Course Title	Credits
<b>General Education Requirements</b>		
CSC 105	MICROCOMPUTER SOFTWARE APPLICATIONS I	3
CMST 101	FUNDAMENTALS OF SPEECH* <i>or</i>	3
ENGL 106	WORKPLACE COMMUNICATIONS I*	
MATH 100	ELEMENTARY ALGEBRA** <i>or higher</i>	3
PSYC 101	GENERAL PSYCHOLOGY <i>or</i>	3
PSYC 103	HUMAN RELATIONS IN THE WORKPLACE	
SOC 100	INTRODUCTION TO SOCIOLOGY	3
	<b>Total</b>	<b>15</b>
<b>Technical Requirements</b>		
HC 114	ANATOMY & PHYSIOLOGY FOR THE HEALTH PROFESSIONS	3
HC 135	MEDICAL LAW AND ETHICS <i>online</i>	2
HC 213	MEDICAL TERMINOLOGY I	3
HC 225	PATHOPHYSIOLOGY <i>online</i>	3
ST 102	INTRODUCTION TO SURGICAL TECHNOLOGY	3
ST 111	INTRODUCTION TO SURGICAL TECHNOLOGY LAB	3
ST 128	SURGICAL PHARMACOLOGY <i>online</i>	2
ST 130	SURGICAL PROCEDURES I	3
ST 131	PRINCIPLES AND PRACTICES OF SURGICAL TECHNOLOGY I	3
ST 230	SURGICAL PROCEDURES II	3
ST 231	PRINCIPLES AND PRACTICES OF SURGICAL TECHNOLOGY II	3
ST 250	SURGICAL TECHNOLOGY CLINICALS	13
ST 251	SURGICAL TECHNOLOGY CERTIFICATION REVIEW <i>online</i>	1
	<b>Total</b>	<b>45</b>

\*Prerequisite: Acceptable ACCUPLACER score or Basic Writing.

\*\*Prerequisite: Acceptable ACCUPLACER score or Basic Math.

\*\*\*Graduation Requirement: Students must sit for the national certification exam conducted by the National Board of Surgical Technology and Surgical Assisting (NBSTSA).

Clinicals, practicums, and internships may include, but are not limited to, differential shifts (evenings, nights, weekends, and holidays) to meet industry expectations. Clinicals may occur during summer semester depending on program enrollments. This may require travel outside the Rapid City area.

Semester breakdown on next page

2023-2024 Academic Catalog – 4/2023

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## Semester Breakdown AAS

First Semester			Second Semester		
		CR			CR
HC 114	Anatomy & Physiology for the Health Professions	3	HC 225	Pathophysiology <i>online</i>	3
HC 213	Medical Terminology I	3	CMST 101	Fundamentals of Speech <i>or</i>	3
PSYC 101	General Psychology <i>or</i>	3	ENGL 106	Workplace Communications I	
PSYC 103	Human Relations in the Workplace		MATH 100	Elementary Algebra <i>or higher</i>	3
ST 102	Introduction to Surgical Technology	3	ST 130	Surgical Procedures I	3
ST 111	Introduction to Surgical Technology Lab	3	ST 131	Principles and Practices of Surgical Technology I	3
<b>Total Credit Hours</b>		<b>15</b>	<b>Total Credit Hours</b>		<b>15</b>
Third Semester			Fourth Semester		
		CR			CR
CSC 105	Microcomputer Software Applications I	3	ST 250	Surgical Technology Clinicals	13
HC 135	Medical Law and Ethics <i>online</i>	2	ST 251	Surgical Technology Certification Review <i>online</i>	1
SOC 100	Introduction to Sociology	3			
ST 128	Surgical Pharmacology <i>online</i>	2			
ST 230	Surgical Procedures II	3			
ST 231	Principles and Practices of Surgical Technology II	3			
<b>Total Credit Hours</b>		<b>16</b>	<b>Total Credit Hours</b>		<b>14</b>

If you are or have been convicted, pleaded guilty or no contest to, or received a suspended imposition of sentence for a felony or certain misdemeanors, you are advised that you may not be able to complete all course requirements for your chosen program, you may be prevented from taking required certification/licensure examinations in your chosen program field, and you may be prevented from gaining employment in your program field.

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