

Surgical Technology

50-512-1 | Apprenticeship

10-512-1 | Associate Degree | 65 Credits | Two Year | Financial Aid Eligible

Campus: New Richmond

Combination of Online, Hybrid and On-Site (For Apprenticeship Work Location) instruction

Program Overview

Surgical technologists are health professionals who are an integral part of the team of medical practitioners providing surgical care to patients in a variety of settings.

The surgical technologist works under medical supervision to facilitate the safe and effective conduct of invasive surgical procedures. This individual works under the supervision of a surgeon to ensure that the operating room or environment is safe, that equipment functions properly, and that the operative procedure is conducted under conditions that maximize patient safety.

A surgical technologist possesses expertise in the theory and application of sterile and aseptic technique and combines the knowledge of human anatomy, surgical procedures, and implementation tools and technologies to facilitate a physician's performance of invasive therapeutic and diagnostic procedures.

Associate degree graduates[#] may be eligible to take a national certification exam through the National Board of Surgical Technology and Surgical Assisting (NBSTSA).

Special Features

- This is an associate degree-aligned apprenticeship
- Two Year program
- 3,584 hours of on-the-job training
- 816 hours of required paid related instruction
- Wage scale of apprentice systematically increases throughout the apprenticeship
- Only students enrolled in the Surgical Technology apprenticeship program can apply to Northwood Tech's Surgical Technology associate degree program.

For more details on apprenticeships, please refer to page 31

Minimum Qualifications Required By the Bureau of Apprenticeship Standards

All applicants, including applicants eligible for direct entry, must meet the following minimum requirements for each occupation sponsored:

- Be a U.S. citizen or eligible non-citizen who is authorized to work in the U.S., as long as they meet the qualifications and requirements for enrollment into a particular program and are not required by law, regulation, or government contract to be a U.S. citizen
- Be at least 18 years of age
- Be fully able to perform the work of the occupation without hazard to themselves or others with reasonable accommodations, if needed
- Have a high school diploma or equivalency
- Have reliable transportation to the employer, job site, and related instruction

Inquire

For more information on this program and how to apply, contact:

Eric Lockwood, Director, Apprenticeships and Academies

Phone: 715.246.1871

Email: eric.lockwood@northwoodtech.edu

How to Get Started

To become an apprentice in the state of Wisconsin, one must first be indentured by the State Bureau of Apprenticeships Standards (BAS).

- Contact an employer on your own.
- Once you have an employer/sponsor, contact the Bureau of Apprenticeship Standards, to initiate the application process between you and your employer.

Apprenticeship Admission Requirements

- Complete the Northwood Tech application form
 - Please contact Michelle Marshall at michelle.marshall@northwoodtech.edu or 715.246.1877 to obtain a Northwood Tech application.
 - **Note:** Prior to applying to Northwood Tech, students are also required to submit an application to the Bureau of Apprenticeship Standards (Eau Claire Office). The contact for the Bureau of Apprenticeship Standards is Mackenzie Webster, Apprenticeship Training Representative: Emerging Industries, at mackenzie.webster@dwd.wisconsin.gov, 715.512.0997

Program-Specific Requirements

- Confirmation of admission from Northwood Tech Academic Affairs Apprenticeship Office

Associate Degree Admission Requirements

Note: To become a Certified Surgical Technologist, students must have a minimum of an associate degree and pass the national certification exam. Only students enrolled in the Surgical Technology Apprenticeship program can apply to Northwood Tech's Surgical Technology associate degree program. To become admitted in this program, see below:

- Complete online application form
- Confirmation of admission to the Surgical Tech Apprenticeship program from Northwood Tech Academic Affairs Apprenticeship Office
- Have earned a high school diploma or GED certificate
- Review and sign Background Check Disclosure
- Complete admissions meeting with a Northwood Tech counselor (academic admission requirements apply - see page 37 for more information)

Program-Specific Requirements

- Submit Background Check Fee
- Have acceptable results based on the Wisconsin Caregiver Background Check and/or other states (if applicable)
- Student must meet employer health record requirements/policies
- Review and sign Health Sciences Confidentiality Statement
- Possess current certification of "BLS Basic Life Support"
- Participate in a mandatory session scheduled prior to the start of classes.

Program Outcomes

Surgical Technology graduates will be able to:

- Apply healthcare and technological science principles to the perioperative environment
- Maintain principles of sterile technique in the surgical environment
- Provide a safe, efficient, and supportive environment for the patient
- Prepare the patient, operating room and surgical team for the preoperative phase
- Perform intraoperative case management in the scrub role
- Perform postoperative case management
- Function as an ethical, legal, and professional member of the healthcare team as determined by governing bodies
- To prepare entry-level surgical technologists who are competent in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains to enter the profession.

Career Outlook

Typical positions available after graduation include:

- Surgical Technologist (CST)
- Surgical First Assistant (after additional training and education)
- Central Supply Technician
- Central Sterile Processing Technician
- Endoscopy/Laser Technician
- Tissue/Organ Procurement

Required Courses

Number	Course Title	Credits (cr.)
Program Courses		
10501101	Medical Terminology	3 cr.
10512125	Intro to Surgical Technology*	4 cr.
10512126	Surgical Tech Fundamentals 1*	4 cr.
10512127	Exploring Surgical Issues*	2 cr.
10512128	Surgical Tech Fundamentals 2*	4 cr.
10512129	Surgical Pharmacology*	2 cr.
10512130	Surgical Skills Application* [^]	2 cr.
10512131	Surgical Interventions 1* [^]	4 cr.
10512132	Surgical Technology Clinical 1* [^]	3 cr.
10512133	Surgical Technology Clinical 2* [^]	3 cr.
10512135	Surgical Technology Clinical 3* [^]	3 cr.
10512136	Surgical Technology Clinical 4* [^]	3 cr.
10512142	Surgical Interventions II* [^]	<u>4 cr.</u>
Program Courses Total		41 cr.
General Education Courses		
10801136	English Composition 1	3 cr.
10801196	Oral/Interpersonal Communication	3 cr.
10806177	General Anatomy and Physiology	4 cr.
10806179	Advanced Anatomy and Physiology* [^]	4 cr.
10806197	Microbiology* [^]	4 cr.
10809172	Introduction to Diversity Studies	3 cr.
10809198	Introduction to Psychology	<u>3 cr.</u>
General Education Courses Total		24 cr.
TOTAL CREDITS		65 cr.

* Requires a prerequisite and/or corequisite that must be completed with a grade point of 2.0 or better.

[^] Credit for Prior Learning will not be allowed for this course

You must earn a grade point of 2.0 or better in all required courses.

Course repeat policies exist that allow for only a certain number of retakes within this program; please refer to the policies for details

See pages 221-302 for course descriptions.