

SURGICAL TECHNOLOGY (512)

Information provided includes course descriptions by subject only. For complete 2024-2025 programs/academic plans, please refer to Academic Programs (<http://catalog.blackhawk.edu/academics/>).

512-125 Introduction to Surgical Technology

Credits: 1-4

Provides the foundational knowledge of the occupational environment. Principles of sterilization and disinfection are learned. Surgical instruments are introduced. Preoperative patient care concepts are simulated. Lab practice is included.

Aid Code: 10 - undefined.

Restrictions: Restricted to students admitted to Program.

Pre-requisites: (806-177)

Complete Course Listing

512-126 Surgical Technology Fundamentals 1

Credits: 1-4

Focuses on preparing the patient and operating room for surgery. Principles of sterile technique are emphasized as the student moves into the scrub role. Lab practice is included.

Aid Code: 10 - undefined.

Restrictions: Restricted to students admitted to Program.

Pre-requisites: (806-177) and (501-101)

Co-requisites: (512-125)

Complete Course Listing

512-127 Exploring Surgical Issues

Credits: 1-2

Explores a variety of issues related to surgical technology. Emphasis is placed on becoming a professional member of the surgical team.

Aid Code: 10 - undefined.

Restrictions: Restricted to students admitted to Program.

Pre-requisites: (806-177) and (501-101)

Co-requisites: (512-125) and (512-126)

Complete Course Listing

512-128 Surgical Technology Fundamentals 2

Credits: 1-4

Focuses on enhancing surgical technology skills while functioning as a sterile team member. Lab is included.

Aid Code: 10 - undefined.

Pre-requisites: (501-101) and (512-127)

Co-requisites: (512-129) and (512-130) and (806-197)

Complete Course Listing

512-129 Surgical Pharmacology

Credits: 1-2

Basic study of drug classifications, care, and handling of drugs and solutions, application of mathematical principles in dosage calculations, terminology related to pharmacology, anesthesia, and drugs used in surgery.

Aid Code: 10 - undefined.

Pre-requisites: (512-127)

Co-requisites: 806-197 and 512-128 and 512-130)

Complete Course Listing

512-130 Surgical Skills Application

Credits: 1-2

Provides a transition from the academic to the clinical setting. Learners integrate the surgical technologist skills as they apply to various surgical procedures.

Aid Code: 10 - undefined.

Pre-requisites: (512-126)(512-127)

Co-requisites: (806-197 and 512-129 and 512-128)

Complete Course Listing

512-131 Surgical Interventions 1

Credits: 1-4

Provides the foundational knowledge of surgical core and specialty procedures. Examines the pathophysiology, diagnostic interventions, health sciences, and surgical techniques for a variety of procedures.

Aid Code: 10 - undefined.

Pre-requisites: (512-130 and 806-197)

Co-requisites: 512-132 and 512-133)

Complete Course Listing

512-132 Surgical Technology Clinical 1

Credits: 1-3

Apply basic surgical theories, principles, and procedural techniques in the operating room. Students begin to function as team members under the guidance of the instructor and authorized clinical personnel.

Aid Code: 10 - undefined.

Pre-requisites: (512-130 and 806-197)

Co-requisites: 512-131 and 512-133)

Complete Course Listing

512-133 Surgical Technology Clinical 2

Credits: 1-3

Further experience in a clinical setting allows the student to continue to improve technical skills while accepting more responsibilities during surgical procedures.

Aid Code: 10 - undefined.

Pre-requisites: (512-130 and 806-197)

Co-requisites: 512-132 and 512-131)

Complete Course Listing

512-135 Surgical Technology Clinical 3

Credits: 1-3

Further experience in a clinical setting allows the student to continue to improve technical skills while accepting more responsibilities during surgical procedures.

Aid Code: 10 - undefined.

Pre-requisites: (512-133

Co-requisites: 512-142 and 512-136)

Complete Course Listing

512-136 Surgical Technology Clinical 4

Credits: 1-3

During this clinical course the student will function relatively independently. Serves as a transition from a student perspective to an employee by utilizing advanced skills for an entry level Surgical Technologist.

Aid Code: 10 - undefined.

Pre-requisites: (512-133

Co-requisites: 512-142 and 512-135)

Complete Course Listing

512-142 Surgical Interventions 2

Credits: 1-4

Expands knowledge of core and specialty surgical procedures by incorporating pathophysiology, diagnostic interventions, health sciences, and surgical techniques.

Aid Code: 10 - undefined.

Pre-requisites: (512-133

Co-requisites: 512-135 and 512-136)

Complete Course Listing

512-410 Aseptic Technique

Credits: .3

The class is designed to teach the technique of aseptic packaging including an organizational process in packing that will best meet the needs of the end-user at time of opening the contents for use.

Aid Code: 47 - undefined.

Complete Course Listing