

Surgical Technology

Surgical Technology (SURG) Classes

SURG115G : Basic Instrumentation, Supplies and Equipment

Overview of instruments, supplies and equipment used in the operating room and specifically for General and Gynecological Surgeries. Course includes instrument classifications, care and cleaning. Suture, mechanical stapling devices and other methods of hemostasis along with supplies and equipment will be discussed.

Credits 1

Theory Hours 0

Lab Hours 3

Prerequisites

Admission to Surgical Technology Program

Corequisites

[SURG118G](#), [SURG119G](#), [AHLT110G](#), and [BIOL110G](#)

Semester Offered

Fall semester

SURG116G : Advanced Instrumentation, Supplies and Equipment

A continuation of instruments, supplies and equipment used in the operating room and specifically for Genitourinary, Plastics, Ophthalmology, Otolaryngology, Orthopedics, Neurological, Cardiothoracic, and Peripheral Vascular Surgeries. Each specialty will include an in-depth procedure demonstration.

Credits 1

Theory Hours 0

Lab Hours 3

Prerequisites

C or better in SURG 115G, [SURG118G](#), [SURG119G](#), [AHLT110G](#), and [BIOL110G](#).

Corequisites

[SURG121G](#), [SURG122G](#), [BIOL120G](#), and [ENGL110G](#) or [ENGL111G](#)

Semester Offered

Spring semester

SURG118G : Surgical Technology Fundamentals Lecture

This course focuses on surgical technology and the roles in which it plays in the areas of the operating room environment, the operating room staff, hospital facilities, and the surgical patient, legal, ethical and moral principles, aseptic technique, wound healing, pharmacology and anesthesia.

Credits 6

Theory Hours 6

Lab Hours 0

Prerequisites

Admission to Surgical Technology Program

Corequisites

[AHLT110G](#), [BIOL110G](#), [SURG119G](#), and [SURG115G](#)

Semester Offered

Fall semester

SURG119G : Surgical Technology Fundamentals Lab

The core of this course consists of the role of the scrub during the preoperative and intraoperative phase of surgery, sterilization, disinfection, asepsis, and the principles of sterile technique and sterile conscience, leading into a detailed study of combining; procedures, instrumentation, equipment, and supplies needed for specific surgeries.

Credits 1

Theory Hours 0

Lab Hours 3

Prerequisites

Admission to Surgical Technology Program

Corequisites

[AHLT110G](#), [BIOL110G](#), [SURG118G](#), and [SURG115G](#)

Semester Offered

Fall semester

SURG121G : Surgical Procedure I Lecture

This course builds on information acquired in the freshman fall course work. Surgical procedures are studied in a unit-by-unit basis according to surgical categories. Students are expected to research and review anatomy for each unit. Emphasis is placed on variations of principles as applied to surgery in different body parts, detailed study of instrumentation, and the technologist's role in each procedure. Pharmacology and drugs related to specialties will also be studied.

Credits 3

Theory Hours 3

Lab Hours 0

Prerequisites

C or better in AH110G, [SURG115G](#), [SURG118G](#), [SURG119G](#), and [BIOL110G](#)

Corequisites

[SURG116G](#), [SURG122G](#), [BIOL120G](#), and [ENGL110G](#) or [ENGL111G](#)

Semester Offered

Spring semester

SURG122G : Surgical Procedure I Lab

The core of this course enhances on the role of the scrub during the preoperative and intraoperative phase of surgery, sterilization, disinfection, asepsis, and the principles of sterile technique and sterile conscience, leading into a detailed study of combining; procedures, instrumentation, equipment, and supplies needed for specific surgeries, preparing the student for senior clinical rotation.

Credits 1

Theory Hours 0

Lab Hours 3

Prerequisites

C or better in AH110G, [SURG115G](#), [SURG118G](#), [SURG119G](#), and [BIOL110G](#)

Corequisites

[SURG116G](#), [SURG121G](#), [BIOL120G](#) and [ENGL110G](#) or [ENGL111G](#)

Semester Offered

Spring semester

SURG123G : Orientation to Surgical Clinical

Orientation to Surgical Clinical is a continuous correlation of theoretical content and clinical performance. The student is expected to focus clinical performances with corresponding units covered in [SURG121G](#), Surgical Procedures I. Forty hours are spent for two weeks in assigned clinical areas. The student is expected to document learning experiences daily utilizing a journal, Surgical Case Logs, Typhon Surgical Case Tracking System, Preceptor Evaluations and Case Study Reports.

Credits 2

Theory Hours 0

Lab Hours 6

Prerequisites

Admission to Surgical Technology Program, C or better in [SURG116G](#), [SURG121G](#), [SURG122G](#), [BIOL120G](#), and [ENGL110G](#) or [ENGL111G](#)

Corequisites

[MATH145-147G](#), and [BIOL210G](#)

Semester Offered

Summer semester

SURG210G : Surgical Procedures II

This course is a continuation of Surgical Procedures I. The more complex surgical specialties are presented including Orthopedics, Peripheral Vascular, Cardiothoracic, and Neurology. Care of high-risk patient populations will be included in each area.

Credits 3

Theory Hours 3

Lab Hours 0

Prerequisites

Pass [SURG123G](#), and [MATH145G](#)/147G and a "C" or better in [BIOL210G](#).

Corequisites

[SURG215G](#), and [PSYC110G](#)

Semester Offered

Fall semester

SURG215G : Surgical Clinical I

Surgical Clinical I is a continuous correlation of theoretical content and clinical performance. The student is expected to concentrate clinical performances with corresponding units covered in Surgical Procedures I, [SURG121](#). Twenty-Four hours are spent each week in assigned clinical areas. The student is expected to document learning experiences daily utilizing their Preceptor Evaluations, Journal Entries, Case Study Reports and Surgical Case Logs. All assigned cases must be documented daily, entered into the Surgical Tracking system, and approved by their Clinical Coordinator.

Credits 8
Theory Hours 0

Lab Hours 24

Prerequisites

Pass [SURG123G](#), and [MATH145G](#)/147G and get a "C" or better in [BIOL210G](#).

Corequisites

[SURG210G](#), and [PSYC110G](#)

Semester Offered

Fall semester

SURG224G : Surgical Procedures III/Special Considerations in Surgery

A continuation of Surgical Procedures II. Students complete the theory portion of their clinical specialties with management of emergency and trauma situations, ENT, Ophthalmology, Pediatric, Oral and Maxillofacial procedures, resume writing and tips for a successful job interview.

Credits 3

Theory Hours 3

Lab Hours 0

Prerequisites

Admission to Surgical Technology program, Pass in [SURG215G](#) and C or better in following courses: [SURG210G](#), and [PSYC110G](#)

Corequisites

[SURG225G](#), English Elective, and Foreign Language/Humanities/Fine Arts Elective

Semester Offered

Spring semester

SURG225G : Surgical Clinical II

Surgical Clinical II is a continuous correlation of theoretical content and clinical performance. The student is expected to concentrate clinical performances with corresponding units covered in Surgical Procedures II, [SURG210G](#). Twenty-Four hours are spent each week in assigned clinical areas. The student is expected to document learning experiences daily utilizing their Preceptor Evaluations, Journal Entries, Case Study Reports and Surgical Case Logs. All assigned cases must be documented daily, entered in the Surgical Tracking system, and approved by their Clinical Coordinator.

Credits 8

Theory Hours 0

Lab Hours 24

Prerequisites

Pass [SURG215G](#) and [PSYC110G](#) and "C" or better in [SURG210G](#),

Corequisites

[SURG224G](#), and Foreign Language/Humanities/Fine Arts Elective.

Semester Offered

Spring semester