

SURGICAL TECH LEC/LAB (STSC)

STSC 1105 Fundamentals of Surgical Technology

Credit Hours: 4

Lab Fee: Yes

This is the basic pre-clinical course of theory and laboratory practice for students entering the surgical technology profession and meets Florida Department of Education basic healthcare worker competencies. Instructional content includes, but is not limited to, an introduction to surgical technology, basic anatomy and physiology, healthcare delivery systems, communication, legal and ethical issues, concepts of wellness and disease, infection control, safety, CPR, basic math and science, and computers in healthcare.

STSC 1323 Surgical Techniques and Procedures 1

Credit Hours: 4

Lab Fee: Yes

This classroom and laboratory course introduces techniques and processes involved in the preoperative, perioperative, and postoperative phases of surgical technology. Lecture and lab practice prepares students with techniques and skills to assist with surgical procedures. Topics include anatomy and physiology, pathophysiology, equipment and instruments, supplies, techniques, and procedures for general, otorhinolaryngological, gynecological, obstetrical, genitourinary, and orthopedic surgical and diagnostic cases.

STSC 1340 Surgical Science and Pharmacology

Credit Hours: 3

This lecture and laboratory course focuses on integrating sciences and pharmacology for the surgical patient. Concepts and skills include the use of sterile technique, establishment of a surgical conscience, surgical microbiology, methods of sterilization, and safety practices.

STSC 2324 Surgical Techniques and Procedures 2

Credit Hours: 7

This classroom and lab course includes a review of surgical procedures in general surgery, obstetrics and gynecological, genitourinary, orthopedic, otorhinolaryngologic, oral and maxillofacial, ophthalmic, and plastic and reconstructive surgery. New surgical procedures include cardiothoracic, peripheral vascular, neurosurgical, and additional plastic and reconstructive surgeries.

STSC 2955 Surgical Procedures Capstone

Credit Hours: 3

This classroom and laboratory course reviews the fundamentals, foundations, and principles of legal, ethical, and moral surgical technology practice. Students will complete summative lab assessments and compile an evidence portfolio documenting lab skills, clinical hours, surgical procedures, and case requirements.