SUR 1500  Pharmacology for the Surgical Technologist
2 Credit Hours
Prerequisite: Acceptance into the Surgical Technology Program or consent of instructor.
Note: Prerequisites for courses in this department are not automatically waived for College Guest students and students with a bachelor's degree or higher from a U.S. institution.

SUR 2150  Clinical Practicum I 4 Credit Hours
Prerequisite: Acceptance to the Surgical Technology Program and completion of SUR 2150 and SUR 2350; or consent of instructor.

SUR 2350  Clinical Practicum II 4 Credit Hours
Prerequisite: Acceptance to the Surgical Technology Program and completion of SUR 2150; or consent of instructor.

SUR 2370  Clinical Practicum III 6 Credit Hours
Prerequisite: Acceptance to the Surgical Technology Program and completion of SUR 2150 and SUR 2350; or consent of instructor.
Note: Prerequisites for courses in this department are not automatically waived for College Guest students and students with a bachelor's degree or higher from a U.S. institution.

SUR 2410  Foundations of Surgical Technology I 4 Credit Hours
Prerequisite: Acceptance to the Surgical Technology Program or consent of instructor.
Note: Prerequisites for courses in this department are not automatically waived for College Guest students and students with a bachelor's degree or higher from a U.S. institution.

SUR 2420  Foundations of Surgical Technology II 6 Credit Hours
Prerequisite: Acceptance to the Surgical Technology Program and completion of SUR 2410 or consent of instructor.
Note: Prerequisites for courses in this department are not automatically waived for College Guest students and students with a bachelor's degree or higher from a U.S. institution.
SUR 2430  Surgical Procedures I  6 Credit Hours
Prerequisite: Acceptance to the Surgical Technology Program and completion of SUR 1500 and SUR 2410; or consent of instructor.
Note: Prerequisites for courses in this department are not automatically waived for College Guest students and students with a bachelor's degree or higher from a U.S. institution.
English/ESL Placement: Placement into ENG 1510.
Corequisite: SUR 2420 SUR 2450 or consent of instructor.
This course is designed to provide the surgical technology student with a basic understanding of diagnoses, regional anatomy and physiology, and the surgical instruments and equipment needed to provide optimum care in the most common and basic surgical procedures experienced in a surgical setting. This lecture and lab course develops concepts learned in the classroom and in the previous Foundations I course. The coursework will introduce students to the theory and the lab will initiate the practice of surgical interventions in multiple surgical services. The course also emphasizes the anatomy of the surgical patient and the steps required during a surgical procedure as well as the instrumentation of these surgical interventions. The fundamentals of numerous procedures are covered including the assessment of need for surgical intervention. The lab practice integrates mock surgery, simulation and basic and advanced clinical skills. BILLABLE CONTACT HOURS: 7

SUR 2440  Surgical Procedures II  6 Credit Hours
Prerequisite: Acceptance to the Surgical Technology Program and completion of SUR 2420 SUR 2430 and SUR 2450; or consent of instructor.
Note: Prerequisites for courses in this department are not automatically waived for College Guest students and students with a bachelor's degree or higher from a U.S. institution.
English/ESL Placement: Placement into ENG 1510.
Corequisite: SUR 2420 SUR 2450 or consent of instructor.
This course is designed to provide the surgical technology student with an advanced understanding of diagnoses, regional anatomy and physiology, and the surgical instruments and equipment needed to provide optimum care in the most common surgical procedures as outlined in the core curriculum and mandated by the accrediting body (ARC) in the following surgical areas: general, gynecological, urological, plastic, ear, nose and throat, neurological, peripheral vascular, orthopedics, cardiothoracic, oral and ophthalmic. This lecture and lab course develops concepts learned in the classroom and in the previous Procedures I and Foundations I courses. The coursework will further develop the knowledge of theory and lab components and strengthen the knowledge of surgical interventions. The course also emphasizes the anatomy of the surgical patient and the steps required during a surgical procedure as well as the instrumentation for these surgical interventions. The fundamentals of multiple procedures are covered including the assessment of need for surgical intervention. The lab practice integrates mock surgery, simulation and basic and advanced clinical skills. BILLABLE CONTACT HOURS: 6

SUR 2450  Surgical Instrumentation & Equipment  4 Credit Hours
Prerequisite: Acceptance to the Surgical Technology Program and completion of SUR 1500 SUR 2410 or consent of instructor.
Note: Prerequisites for courses in this department are not automatically waived for College Guest students and students with a bachelor's degree or higher from a U.S. institution.
English/ESL Placement: Placement into ENG 1510.
Corequisite: SUR 2420 SUR 2430 or consent of instructor.
This course is designed to prepare students in the fundamentals of care and handling of instruments and equipment for the operative setting. The course instructs students in the proper names, use, and importance of safe care, handling, processing, and troubleshooting of the most common instruments and equipment seen in the surgical setting. In addition, this course also addresses new and ever changing technology utilized in the operating room. It will provide the student with the concepts in the delivery of health care services to monitor, measure, diagnose and treat while providing a safe environment for patients and surgical personnel. The content will discuss specific trends with regard to the use of robotic technology, LASER, stealth navigation, and other cutting edge equipment associated with surgical interventions. BILLABLE CONTACT HOURS: 5

SUR 2460  Capstone & Certificate Preparatory  2 Credit Hours
Prerequisite: Acceptance to the Surgical Technology Program and completion of SUR 2150 SUR 2350 SUR 2420 SUR 2440 and SUR 2450; or consent of instructor.
Note: Prerequisites for courses in this department are not automatically waived for College Guest students and students with a bachelor's degree or higher from a U.S. institution.
English/ESL Placement: Placement into ENG 1510.
Corequisite: SUR 2370 or consent of instructor.
This course is the capstone for the Surgical Technology Program. The course combines research and theory with experiential and reflective learning and emphasizes active participation. Class sessions will consist of lectures, problem solving exercises, small and large group discussion, and hands-on activities to support the development of your personal resume and interview skills. Each student is required to develop a resume and cover letter and have a 'mock interview' during this course. Emphasis is also placed on preparation for entering the profession of Surgical Technology. Multiple practice certification exams will be given in preparation for the actual Certification exam to be held the week after course completion. Preparation for the Surgical Technology Certification (CST) Exam will be a primary focus. BILLABLE CONTACT HOURS: 2