

Freshman Seminar (ORNT 1000, 1 credit, 15 clock hours) - This course is designed to introduce newly enrolled students to college life and career development through a variety of activities. It is recommended that this course be scheduled during the first semester of enrollment. An overview of college policies, procedures, and resources as well as study skills and time management strategies will introduce the student to the college experience. Also included is an introduction to electronic learning and the use of online resources. Career development including career research and personal/career assessments are also activities included in this course. **PREREQUISITES:** None

Introduction to Computers (CPTR 1000, 2 credits, 45 clock hours): An introductory study of computer system components and operating system environments. Internet concepts and security issues. Includes a hands-on study emphasizing computer hardware and various operating systems features. **PREREQUISITES:** None

Intro to Surgical Technology (SURG 1032, 2 credits, 45 clock hours)-This course introduces the student to the broad field of surgical technology. It is a prerequisite course to entry into the clinical training sequence of courses. Included are basic subject areas such as general introductory information, and introduction to patient care. **Prerequisites:** None. **CO-REQUISITES:** Concurrent enrollment or successful completion of: ORNT 1000, AND CPTR 1000. After successful completion of ORNT 1000, CPTR 1000, SURG 1032, SURG 1033, and SURG 1133, the student will receive a TCA as a Sterile Processing Technician.

Sterile Processing (SURG 1033, 3 credits, 60 clock hours)- This course is to introduce the student to principles, procedures, standards and practices for disinfection, decontamination, and sterilization of surgical instruments and supplies. The student will rotate through clinical facilities in the sterile processing department to achieve hands on experience. **Prerequisites:** None. **CO-REQUISITES:** Concurrent enrollment or successful completion of: ORNT 1000 AND CPTR 1000. After successful completion of ORNT 1000, CPTR 1000, SURG 1032, SURG 1033, and SURG 1133, the student will receive a TCA as a Sterile Processing Technician.

Surgical Instrumentation (SURG 1032, 3 credits, 60 clock hours)- This course is designed to introduce the student to basic instrumentation that is used during surgical procedures. This course is designed to provide the learner to acquire knowledge of surgical instrumentation and develop skills in proper care and handling of instruments with an attitude essential to the care of patients in surgery. **CO-REQUISITES:** Concurrent enrollment or successful completion of: ORNT 1000 AND CPTR 1000. After successful completion of ORNT 1000, CPTR 1000, SURG 1032, SURG 1033, and SURG 1133, the student will receive a TCA as a Sterile Processing Technician.

English Composition (ENGL 1015, 3 credits, 45 clock hours) - The study of the basic rhetorical modes of English composition with emphasis on prewriting, writing, and revising techniques utilizing correct English grammar, usage, and punctuation. **PREREQUISITES:** Meets placement scores

College Algebra (MATH 1015, 3 credits, 45 clock) - Linear and quadratic equations and inequalities, radical and rational equations, complex numbers, graphing, functions, exponential and logarithmic

functions, polynomial equations, systems of linear equations and inequalities. **PREREQUISITES:** Meets placement scores

Surgical Anatomy & Physiology (SURG 2014, 4 credits, 90 clock hours) - This course is a study of structure and function of the human body systems to include organization of the human body, body planes, cells and integrated cellular function, tissues and membranes and related characteristics, organ systems, as well as the composition and function of the following systems: integumentary, skeletal, muscular, nervous, sensory, blood, circulatory, cardiovascular, lymphatic, endocrine, respiratory, digestive, urinary, and reproductive systems. Medical terms and commonly used medical abbreviations related to each body system are addressed in detail in this course. **PREREQUISITES:** Concurrent enrollment or successful completion of CPTR 1000, ORNT 1000, SURG 1032, 1033, and 1133.

Surgical Technology Pharmacology & Anesthesia (3 credits, 60 clock hours) - This course introduces the student to the broad field of surgical technology. It is a prerequisite course to entry into the clinical training sequence of courses. Included are basic subject areas such as general introductory information, and introduction to patient care. **PREREQUISITES:** ORNT 1000, CPTR 1000, SURG 1032, SURG 1033, SURG 1133, ENGL 1015 and MATH 1015. Concurrent enrollment of SURG 2014, SURG 2106, and SURG 2112.

Surgical Techniques (SURG 2016, 6 credits, 105 clock hours) - This course introduces the student to the practice of surgical technology. The focus of this course is on skills that are specifically of those of the surgical technologist in the first scrub role as well as those of the circulating surgical technologist. This course demonstrates how the principles are integrated with the practices at all times and allows the student to transfer information learned in the classroom into the skills needed in the operating room. **PREREQUISITES:** ORNT 1000, CPTR 1000, SURG 1032, SURG 1033, SURG 1133, ENGL 1015 and MATH 1015. Concurrent enrollment of SURG 2014, SURG 2103, and SURG 2112.

Surgical Techniques Lab (SURG 2112, 2 credits, 90 clock hours) - This course is designed for the student to the put into practice the techniques learned in SURG 2106 Surgical Techniques. The student will, by the end of this course, demonstrate mastery of a **CLINICAL SKILLS PRACTICUM** to test the students' ability to scrub, gown, glove, and set-up and perform a routine procedure, and break down a room properly in the prescribed amount of time. Each student demonstrates the proper and safe execution of procedures and use of equipment. **THE CLINICAL SKILLS PRACTICUM must be successfully completed before the student scrubs any procedures at a clinical site.** **PREREQUISITES:** ORNT 1000, CPTR 1000, SURG 1032, SURG 1033, SURG 1133, ENGL 1015 and MATH 1015. Concurrent enrollment of SURG 2014, SURG 2103, and SURG 2106

Surgical Procedures I (SURG 2205, 5 credit, 105 clock hours) - This course allows the student to learn to think about procedures in a style similar to that used by the surgeon. Each surgical specialty course teaches basic surgical anatomy, instrumentation, and procedural steps. Surgical Procedures I describe the specific skills for assisting with diagnostic procedures, general surgery, gastrointestinal, obstetrical, gynecological, otorhinolaryngology, oral/maxillofacial, and genitourinary procedures. **PREREQUISITES:** Successful completion of ORNT 1000, CPTR 1000, SURG 1032, MATH 1015, SURG 1033, ENGL 1015, SURG 1133, SURG 2014, SURG 2103, SURG 2106, and SURG 2112.

Surgical Procedures II (SURG 2215, 5 credit, 105 clock hours) - This course allows the student to learn to think about procedures in a style similar to that used by the surgeon. Each surgical specialty course teaches basic surgical anatomy, instrumentation, and procedural steps. Surgical Procedures II describes

the specific skills for assisting with cardiothoracic, peripheral vascular, neurosurgical, plastic/reconstructive, ophthalmic, orthopedic, and pediatric procedures. **PREREQUISITES:** SURG 2205.

Surgical Technology Clinical I (SURG 2305, 5 credit, 320 clock hours) - The student participates in advanced observation and performances of surgical technology skills while “scrubbed-in” on procedures under faculty supervision in the clinical setting. The student continues the task of performing the 125 cases required to complete the entire Surgical Technology Program. **PREREQUISITES:** SURG 2215

Introduction to Psychology (PSYC 2015, 3 credits, 45 clock hours) - An overview of psychology designed to expose students to the major theories, research practices, and applied areas of psychology.

PREREQUISITES: Meets placement scores

Introduction to Public Speaking (SPCH 1015, 3 credits, 45 clock hours) - Designed to teach students basic public presentation principles and skills. Students complete one speech each of personal introduction, information, persuasion, demonstration, and special occasion (influential person).

PREREQUISITES: Meets placement scores

Physical Science (PHSC 1015, 3 credits, 45 clock hours) - Introductory study of topics in physical science including motion, energy, temperature, light and sound, electricity, and atomic structure.

PREREQUISITES: Meets placement scores

Surgical Technology Clinical II (SURG 2315, 5 credit, 320 clock hours) - The student participates in advanced observation and performances of surgical technology skills while “scrubbed-in” on procedures under minimal faculty supervision in the clinical setting. The student continues the task of performing the 125 cases required to complete the entire Surgical Technology Program. According to CAAHEP Standards and Guidelines, student surgical technologist may not receive remuneration (payment) while performing in the role of student surgical technologist. This course also assist students in making immediate and future decisions concerning job choices and educational growth by compiling resumes, evaluating job offers, and outlining information essential to finding, applying for, and terminating a job. The completion of a student work based learning portfolio will include copies of the compiled required documentation. It also includes personal/career assessments including foundational Work Keys assessments, application for the Louisiana Work Ready! (National Career Ready) Certificate.

PREREQUISITES: ORNT 1000, CPTR 1000, SURG 1032, MATH 1015, SURG 1033, ENGL 1015, SURG 1133, SURG 2014, SURG 2103, SPCH 1015, SURG 2106, SURG 2112, PHSC 1015, SURG 2205, PSYC 2015, SURG 2305. Concurrent enrollment of SURG 2402.

Surgical Case Review (SURG 2402, 2 credit, 30 clock hours) - This course allows the student to receive detailed explanation and information on cases performed while in the clinical setting. It provides the student with explanations for variations in surgical procedures experienced in the previous days, how the surgeon determined the course of action for the variations, and allows students to learn from one another’s experiences. This course also provides time for students to participate in specialty areas not previously covered and/or time to complete the required number of cases. It also provides time for the student to review and prepare for the Certification exam administered by the National Board of Surgical Technology and Surgical Assisting. **PREREQUISITES:** ORNT 1000, CPTR 1000, SURG 1032, MATH 1015, SURG 1033, ENGL 1015, SURG 1133, SURG 2014, SURG 2103, SPCH 1015, SURG 2106, SURG 2112, PHSC 1015, SURG 2205, PSYC 2015, SURG 2305. Concurrent enrollment of SURG 2315.