

## SURGICAL TECHNOLOGY

<b>SR101 ANATOMY &amp; PHYSIOLOGY</b>	<b>3 CREDITS</b>
<p>This course provides the basic knowledge and understanding of the normal structure and function of the human body, including body planes and cavities, the cell, the muscle-skeletal system, and digestive system, blood and the circulatory system, the respiratory system, the nervous system, and the genito-urinary/reproductive systems.</p>	
<b>SR102 PERIOPERATIVE ISSUES</b>	<b>5 CREDITS</b>
<p>This course provides knowledge in the areas of patient care directly affecting the surgical experience. Included are an overview of the hospital, the operating room, its equipment, and the surgical team; identification, transportation, and positioning; medical terminology and surgical pharmacology.</p>	
<b>SR103 OPERATING ROOM TECHNIQUES</b>	<b>4 CREDITS</b>
<p>This course introduces techniques necessary during the surgical experience. Included are scrubbing, gowning and gloving; the establishment of the sterile field with its armamentarium of sutures; instruments, and supplies. The laboratory component allows the student to observe and in return demonstrate the principles and procedures taught in the classroom in a non-patient contact environment.</p>	
<b>SR104 ASEPSIS</b>	<b>3 CREDITS</b>
<p>This course provides the necessary principles of surgical asepsis, which must be maintained in the clinical setting. Included is the study of microscopic life forms, the relationship of microbes to disease and illness, the principles and techniques of sterilization, disinfection, and antisepsis; and the development of the “surgical conscience”.</p>	
<b>SR110 SURGICAL PROCEDURES I</b>	<b>4 CREDITS</b>
<p>This course explores the diagnostic and surgical interventions of general surgery, including gastrointestinal, breast and hernia procedures, and OB/GYN surgery.</p>	
<b>SR 111 CLINICAL EXTERNSHIP I</b>	<b>2 CREDITS</b>
<p>This externship involves the implementation of learned theory, principles, and procedures taught in the classroom via patient contact as a member of the operating room team. This experience takes place in local area hospitals and focuses on minimally complex surgical cases.</p>	
<b>SR 205 OCCUPATIONAL ISSUES</b>	<b>1 CREDIT</b>
<p>This course introduces the student to the ethical, legal, and moral values which relate to the individual patient, the surgical technologist and operating room procedures. Included are discussion of regulatory practices, the psychological aspects of stress and terminal disease, and ethical issues found in today’s medical practice, and employment and professional certification issues.</p>	
<b>SR210 SURGICAL PROCEDURES II</b>	<b>6 CREDITS</b>
<p>This course explores the diagnostic and surgical interventions of orthopedic surgery, ophthalmology, ear, nose, and throat surgery, and genito-urinary surgery.</p>	
<b>SR211 CLINICAL EXTERNSHIP II</b>	<b>4 CREDITS</b>
<p>This course is a continuation of Clinical Externship I with a focus on moderately complex surgical cases.</p>	

---

**SR310 SURGICAL PROCEDURES III****4 CREDITS**

---

This course explores the diagnostic and surgical interventions of thoracic, peripheral and cardiovascular, neuro surgery, pediatric and geriatric considerations, and plastic/reconstructive surgery.

---

**SR311 CLINICAL EXTERNSHIP III****4 CREDITS**

---

This course is a continuation of Clinical Externship I and II with a focus on the more complex surgical cases.

---