

# SURT1210 - Surgical Technology I

Credits:	6 (3/3/0)
Description:	This course introduces the student to the role of the surgical technologist in the operating room and introduces the foundation for patient care in the operating room.
Prerequisites:	<ul style="list-style-type: none"> <li>• Acceptance into Surgical Technology program</li> </ul>
Corequisites:	<ul style="list-style-type: none"> <li>• SURT1200</li> </ul>
Pre/Corequisites*:	
Competencies:	<ol style="list-style-type: none"> <li>1. Identify principles of asepsis and infection control.</li> <li>2. Describe basic safety concepts.</li> <li>3. Describe the time-out procedure for surgical patients.</li> <li>4. Explore perioperative phases: preoperative, intraoperative, postoperative, recovery.</li> <li>5. Explain standards of care in the operating room.</li> <li>6. Name and describe body planes, and demonstrate knowledge of body organization and terms of reference.</li> <li>7. Identify types of tissues that make up organs and the characteristics of each.</li> <li>8. Describe organs of the body and identify the components of different tissues and body systems.</li> <li>9. Explain preoperative preparation of the surgical patient.</li> <li>10. Identify types of equipment used in modern operating rooms.</li> <li>11. Identify basic surgical instruments by type, function, preparation and name.</li> <li>12. Define medical terminology and abbreviations used in surgery, including international time.</li> <li>13. Demonstrate principles of asepsis and infection control.</li> <li>14. Demonstrate transfer, preparation and positioning of surgical patients for a variety of procedures.</li> <li>15. Demonstrate methods and techniques used for sterilization, sanitation and disinfection of equipment and the operating room environment.</li> <li>16. Perform time-out procedures correctly.</li> <li>17. Identify and apply basic principles of physics to safe patient care.</li> <li>18. Identify materials and demonstrate proper techniques of draping.</li> <li>19. Demonstrate standards of care in the operating room.</li> <li>20. Demonstrate preparation of supplies and instruments, while maintaining surgical asepsis.</li> <li>21. Demonstrate care, handling and assembly of surgical instruments.</li> <li>22. Properly perform set up of operating room equipment, supplies and instruments.</li> <li>23. Demonstrate basic care and handling of special equipment utilized in the operating room.</li> </ol>
MnTC goal areas:	None

\*Can be taking as a Prerequisite or Corequisite.