**Program Goal:** Assess competent entry-level surgical technologist in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains.

**Technical Outcome Instrument:** National Certifying Exam for Surgical Technology

<table>
<thead>
<tr>
<th>Learning Domain</th>
<th>Program Outcomes</th>
<th>Scan Skills (Use numbers)</th>
<th>Courses in which program outcome is achieved</th>
<th>Assessment Methods</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cognitive</td>
<td>Think critically and creatively, analyze objectively, integrate and synthesize knowledge, draw conclusions from complex information, and generate new ideas.</td>
<td>1,2,3,4,5,6,7,8</td>
<td>All SURG courses, APHY 101, APHY 102, BIOL 2XX, MATH 123 or higher, PSYC 101 or SOCI 111</td>
<td>Course exams, written assignments, case studies, lab assignments, national Certification Exam for Surgical Technology, clinical evaluations</td>
</tr>
<tr>
<td>Cognitive</td>
<td>Exhibit recognition, understanding, and respect for cultural and individual differences, in terms of both contemporary and historical perspectives, with application to an interdependent world.</td>
<td>2,3,4,6,7,8</td>
<td>COMM 102, HLHS 105, PSYC 101 or SOCI 111, SURG 111, SURG 113, SURG 114, SURG 212, SURG 214</td>
<td>Course exams, written assignments, case studies, clinical evaluations</td>
</tr>
<tr>
<td>Cognitive</td>
<td>Recognize and act upon social, political, civic, and environmental responsibilities relative to our society.</td>
<td>1,2,3,4,6,7,8</td>
<td>HLHS 105, SOCI 111</td>
<td>Course exams, written assignments, research assignments</td>
</tr>
<tr>
<td>Cognitive</td>
<td>Understand and apply basic scientific concepts in a variety of settings, making informed judgments about the use of science and technology both in our global and local environments and society.</td>
<td>1,2,3,4,5,6,7,8</td>
<td>APHY 101, APHY 102, BIOL 2XX, MATH 123 or higher, all SURG courses</td>
<td>Course exams, written assignments, case studies, lab assignments, national Certification Exam for Surgical Technology, clinical evaluations</td>
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<tr>
<td>Affective</td>
<td>Communicate effectively in written, oral and symbolic forms.</td>
<td>1,2,3,4,5,6,7,8</td>
<td>All Gen Ed and Program courses</td>
<td>Course exams, written assignments, case studies, lab assignments, national Certification Exam for Surgical Technology, clinical evaluations</td>
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<tr>
<td>Cognitive</td>
<td>Exhibit quantitative literacy with respect to calculation, analysis, synthesis, problem solving, interpretation, and application.</td>
<td>1,3,5,6,7,8</td>
<td>MATH 123 or higher, SURG 114, SURG 212, SURG 214, SURG 203</td>
<td>Course exams, written assignment, clinical evaluations, National Certifying Exam for Surgical Technology, case studies</td>
</tr>
<tr>
<td>Cognitive</td>
<td>Exhibit the ability to apply ethical reasoning in private, professional and public situations.</td>
<td>1,2,3,4,6,7,8</td>
<td>HLHS 105, SURG 112, SURG 114, SURG 212, SURG 214, PSYC 101 or SOCI 111</td>
<td>Course exams, written assignments, case studies, clinical evaluations, research assignment</td>
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<tr>
<td>Psychomotor</td>
<td>Attain computer competency in relation to basic information retrieval, library resources, and information technology.</td>
<td>1,3,4,5,6,7,8</td>
<td>ENGL 111, SURG 111, SURG 112</td>
<td>Course exams, written assignments, research assignments, lab assignments</td>
</tr>
<tr>
<td>Cognitive</td>
<td>Exhibit an understanding and appreciation of ideas, values, artistic expressions, and human experiences to enrich life and strengthen community through intellectual curiosity, aesthetic literacy, and a joy of learning.</td>
<td>2,3,4,6,7,8</td>
<td>COMM 101 or COMM 102, ENGL 111, HLHS 105, PSYC 101 or SOCI 111</td>
<td>Course exams, written assignments, oral presentations, research assignments</td>
</tr>
<tr>
<td>Psychomotor</td>
<td>Demonstrate preparation for assigned surgical procedures.</td>
<td>1,2,3,4,5,6,7,8</td>
<td>SURG 114, SURG 212, SURG 214</td>
<td>Research assignments, clinical evaluation, National Certifying Exam for Surgical Technology, written assignments</td>
</tr>
<tr>
<td>Affective</td>
<td>Demonstrate desirable employability attributes.</td>
<td>1,2,3,4,5,6,7,8</td>
<td>SURG 114, SURG 212, SURG 214</td>
<td>Course exams, written assignments, case studies, lab assignments, national Certification Exam for Surgical Technology, clinical evaluations</td>
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<tr>
<td>Psychomotor</td>
<td>Apply principles of aseptic technique to surgical procedures.</td>
<td>1,2,3,4,5,6,7,8</td>
<td>SURG 112, SURG 114, SURG 212, SURG 214</td>
<td>Course exams, written assignments, case studies, lab assignments, national Certification Exam for Surgical Technology, clinical evaluations</td>
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<tr>
<td>Category</td>
<td>Description</td>
<td>Levels</td>
<td>Courses</td>
<td>Evaluation</td>
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<tr>
<td>Psychomotor</td>
<td>Perform scrubbing responsibilities correctly, according to appropriate level of experience.</td>
<td>1,2,3,4,5,6,7,8</td>
<td>SURG 112, SURG 114, SURG 212, SURG 214</td>
<td>Course exams, written assignments, research assignments</td>
</tr>
<tr>
<td>Psychomotor</td>
<td>Assist with circulating responsibilities correctly, according to appropriate level of experience.</td>
<td>1,2,3,4,5,6,7,8</td>
<td>SURG 112, SURG 114, SURG 212, SURG 214</td>
<td>Course exams, written assignments, research assignments</td>
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<tr>
<td>Cognitive</td>
<td>Identify safe and correct care of operative instrumentation, equipment, and supplies.</td>
<td>1,2,3,5,6,7,8</td>
<td>All SURG program courses</td>
<td>Course exams, written assignments, case studies, lab assignments, national Certification Exam for Surgical Technology, clinical evaluations</td>
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<tr>
<td>Psychomotor</td>
<td>Manage a safe, efficient environment for the care of the surgical patient.</td>
<td>1,2,3,4,5,6,7,8</td>
<td>SURG 114, SURG 212, SURG 214</td>
<td>Course exams, written assignments, case studies, lab assignments, national Certification Exam for Surgical Technology, clinical evaluations</td>
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<tr>
<td>Cognitive</td>
<td>Describe and integrate concepts of standard precautions as related to surgical technology.</td>
<td>1,2,3,4,5,6,7,8</td>
<td>All SURG program courses</td>
<td>Course exams, written assignments, case studies, lab assignments, national Certification Exam for Surgical Technology, clinical evaluations</td>
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<tr>
<td>Affective</td>
<td>Demonstrate initiative and problem solving under stress in clinical settings.</td>
<td>1,2,3,4,5,6,7,8</td>
<td>SURG 114, SURG 212, SURG 214</td>
<td>Course exams, written assignments, case studies, lab assignments, national Certification Exam for Surgical Technology, clinical evaluations</td>
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