

**Northwestern Michigan Surgical Technology Program  
Map of Program Learning Outcomes by Course**



	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9	PLO10	GenEd Outcomes		
											Communication	Critical Thinking	Quantitative Reasoning
SRG 101				I	I		I	I	I				
SRG 101L	I	I		I	I	I	I	I	I	I			
SRG 102				I					I			X	
SRG 103	P												
SRG 121		I		I	I		I		I				
SRG 121L	P	P		I	P	I	I	P	P	I			
SRG 122				I		P			P	P		X	
SRG 123		I							P				
SRG 201		P		P	P	P	P		M				
SRG 202	M	P		P	P	P	P	P	M	M		X	
SRG 204								M					
SRG 221		P		M	M		M		M				
SRG 222	M	M		M	M	M	M	M	M	M		X	
SRG 224			M										

**Table Legend: I = Introduced, P = Proficient, M = Mastered**

**Program Learning Outcomes**

<b>1</b>	Correlate the elements, actions, and use of medications and anesthetic agents used during the perioperative experience.
<b>2</b>	Demonstrate knowledge of emerging technologies in minimally invasive surgeries.
<b>3</b>	Demonstrate an entry-level knowledge base by successfully completing the Certification exam.
<b>4</b>	Apply knowledge and skills from the biological sciences to safely perform during the pre-operative, intra-operative, and post-operative phases of patient care.
<b>5</b>	Assemble and operate instruments, equipment and supplies for the delivery of patient care as an entry-level practitioner during basic surgical procedures.
<b>6</b>	Implement safe practice techniques in regards to perioperative routines, patient transportation, positioning, and emergency procedures.
<b>7</b>	Prioritize and organize the surgical field while considering the physiology and urgency of patient care needs.
<b>8</b>	Communicate professionally with patients, physicians, and co-workers
<b>9</b>	Demonstrate a strong surgical conscience, accountability, and legal implications of an individual's actions as a member of the surgical team.
<b>10</b>	Employ appropriate ethical, professional, and respectful values while providing care to diverse populations within the healthcare system.