

IVY TECH COMMUNITY COLLEGE			
Program Outcomes			
Surgical Technology			
Summer, 2025			
"Program Goal: prepare entry-level Surgical Technologists who are competent in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains to enter the profession."			
Technical Outcome Instrument: National Certifying Exam for Surgical Technology			
Summer, 2025	Program Outcomes	Courses in which program outcome is achieved.	Assessment Methods
Cognitive	Analyze, synthesize, and apply knowledge creatively; use quantitative literacy and scientific concepts to make informed decisions.	All SURG courses, APHY 101, APHY 102, MATH 123 or higher, PSYC 101 or SOCI 111, COMM 101 or 102	Course exams, written assignments, case studies, lab assignments, National Certification Exam for Surgical Technology, clinical evaluations
Cognitive	Recognize and respect cultural and individual differences; apply ethical reasoning; act on social, political, civic, and environmental responsibilities.	COMM 102, PSYC 101 or SOCI 111, SURG 111, SURG 113, SURG 114, SURG 212, SURG 223A, SURG 224B, SURG 214	Course exams, written assignments, case studies, clinical evaluations
Cognitive	Safely manage surgical instrumentation and procedures; apply standard precautions and aseptic techniques.	All SURG program courses	Course exams, written assignments, case studies, clinical evaluations, clinical evaluations,
Affective	Communicate effectively in written, oral and symbolic forms	All Gen Ed and Program Courses	Course exams, written assignments, case studies, clinical evaluations
Affective	Demonstrate initiative, problem-solving, and effective communication under stress in clinical settings while exhibiting desirable employability attributes.	All Program Courses	Course exams, written assignments, case studies, lab assignments, National Certification Exam for Surgical Technology, clinical evaluations
Psychomotor	Apply aseptic techniques to surgical procedures, and perform scrubbing responsibilities accurately based on experience level.	All Program Courses	Course exams, written assignments, research assignments, lab assignments, clinical evaluations, National Certification Exam

Psychomotor	Demonstrate preparation for assigned surgical procedures.	SURG 114, SURG 212, SURG 223A, SURG 224B, SURG 214	Research assignments, clinical evaluation, National Certifying Exam for Surgical Technology, written assignments
Affective	Demonstrate desirable employability attributes.	SURG 114, SURG 212, SURG 223A, SURG 224B, SURG 214	Course exams, written assignments, case studies, lab assignments, national Certification Exam for Surgical Technology, clinical evaluations
Psychomotor	Apply principles of aseptic technique to surgical procedures.	SURG 112, SURG 114, SURG 212, SURG 223A, SURG 224B, SURG 214	Course exams, written assignments, case studies, lab assignments, national Certification Exam for Surgical Technology, clinical evaluations

Psychomotor	Perform scrubbing responsibilities correctly, according to appropriate level of experience.	SURG 112, SURG 114, SURG 212, SURG 223A, SURG 224B, SURG	Course exams, written assignments, research assignments
Psychomotor	Assist with circulating responsibilities correctly, according to appropriate level of experience.	SURG 112, SURG 114, SURG 212, SURG 223A, SURG 224B, SURG 214	Course exams, written assignments, research assignments
	Identify safe and correct care of operative instrumentation, equipment, and supplies.	All SURG program courses	Course exams, written assignments, case studies, lab assignments, national Certification Exam for Surgical Technology, clinical evaluations
Psychomotor	Manage a safe, efficient environment for the care of the surgical patient.	SURG 114, SURG 212, SURG 223A, SURG 224B, SURG 214	Course exams, written assignments, case studies, lab assignments, national Certification Exam for Surgical Technology, clinical evaluations
Cognitive	Describe and integrate concepts of standard precautions as related to surgical technology.	All SURG program courses	Course exams, written assignments, case studies, lab assignments, national Certification Exam for Surgical Technology, clinical evaluations
Affective	Demonstrate initiative and problem solving under stress in clinical settings.	SURG 114, SURG 212, SURG 223A, SURG 224B, SURG 214	Course exams, written assignments, case studies, lab assignments, national Certification Exam for Surgical Technology, clinical evaluations