

IVY TECH COMMUNITY COLLEGE

Program Outcomes

Surgical Technology

Summer, 2024

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

		Scan Skills	Courses in which program	
Summer, 2024	Program Outcomes	(Use numbers)	outcome is achieved.	Assessment Methods
Cognitive	Think critically and creatively, analyze objectively, integrate and synthesize knowledge, draw conclusions from complex information, and generate new ideas.	1,2,3,4,5,6,7,8	All SURG courses, APHY 101, APHY 102, MATH 123 or higher, PSYC 101 or SOCI 111	Course exams, written assignments, case studies, lab assignments, national Certification Exam for Surgical Technology, clinical evaluations
Cognitive	Exhibit recognition, understanding, and respect for cultural and individual differences, in terms of both contemporary and historical perspectives, with application to an interdependent world.	2,3,4,6,7,8	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	Recognize and act upon social, political, civic, and environmental responsibilities relative to our society.	1,2,3,4,6,7,8	SURG 111, SOCI 111,	Course exams, written assignments, research assignments
Cognitive	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.	1,2,3,4,5,6,7,8	APHY 101, APHY 102, MATH 123 or higher, all SURG courses	Course exams, written assignments, case studies, lab assignments, national Certification Exam for Surgical Technology, clinical evaluations
Affective	Communicate effectively in written, oral and symbolic forms.	1,2,3,4,5,6,7,8	All Gen Ed and Program courses	Course exams, written assignments, case studies, lab assignments, national Certification Exam for Surgical Technology, clinical evaluations
Cognitive	Exhibit quantitative literacy with respect to calculation, analysis, synthesis, problem solving, interpretation, and application.	1,3,5,6,7,8	MATH 123 or higher, SURG 114, SURG 212, SURG 223A, SURG 224B, SURG 214, SURG 203	Course exams, written assignment, clinical evaluations, National Certifying Exam for Surgical Technology, case studies

Cognitive	Exhibit the ability to apply ethical reasoning in private, professional and public situations.	1,2,3,4,6,7,8	SURG 111, SURG 112, SURG 114, SURG 212, SURG 223A, SURG 224B, SURG 214, PSYC 101 or SOCI 111	Course exams, written assignments, case studies, clinical evaluations, research assignment
Psychomotor	Attain computer competency in relation to basic information retrieval, library resources, and information technology.	1,3,4,5,6,7,8	ENGL 111, SURG 111, SURG 112	Course exams, written assignments, research assignments, lab assignments
Cognitive	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.	2,3,4,6,7,8	COMM 101 or COMM 102, ENGL 111, PSYC 101 or SOCI 111	Course exams, written assignments, oral presentations, research assignments
Psychomotor	Demonstrate preparation for assigned surgical procedures.	1,2,3,4,5,6,7,8	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.	1,2,3,4,5,6,7,8	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.	1,2,3,4,5,6,7,8	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.	1,2,3,4,5,6,7,8	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.	1,2,3,4,5,6,7,8	SURG 112, SURG 114, SURG 212, SURG 223A, SURG 224B, SURG 214	Course exams, written assignments, research assignments
Cognitive	Identify safe and correct care of operative instrumentation, equipment, and supplies.	1,2,3,5,6,7,8	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.	1,2,3,4,5,6,7,8	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.	1,2,3,4,5,6,7,8	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.	1,2,3,4,5,6,7,8	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