

ARIZONA WESTERN COLLEGE
SYLLABUS

SGT 110 PRINCIPLES OF SURGICAL TECHNOLOGY

Credit Hours: 3 Lec 3

PREREQUISITE: Acceptance into Surgical Tech Program

COREQUISITE: SGT 120, SGT 130, SGT 140

COURSE DESCRIPTION

Students are introduced to the role and responsibilities of the surgical technologist, the healthcare team, and the clinical environment. Topics include historical perspectives of perioperative services, medical terminology, environment and workplace safety, patient care and safety, age-extreme patients, cultural competencies, and patients with special needs. Students learn the basic of biomechanics and computers, as well as professional conduct and legal accountability.

1. COURSE GOAL

To introduce students to the broad field of health care and the specifics of the Surgical Environment.

2. OUTCOMES

Upon satisfactory completion of this course, students will be able to:

- 2.1 Describe the professional role of the Surgical Technologist, the educational preparation and the certification process.
- 2.2 Identify the spectrum of medical terminology used in the surgical environment.
- 2.3 Describe the methods of sterilization and discuss the advantages and disadvantages of each.
- 2.4 Describe a typical organization structure of Perioperative Services, as it exists in a variety of health care settings.
- 2.5 Describe the Operating Room environment including the composition and function of all members of the surgical team.
- 2.6 Identify the relationship between hospital departments as they impact on Perioperative Services.
- 2.7 Discuss the application of technological sciences to surgical technology.
- 2.8 Describe methods of communication.
- 2.9 Discuss surgery from the patient's perspective and the ethical considerations that are pertinent to the Perioperative environment.
- 2.10 Apply leadership, management, and professional communication principles to support effective team functioning, conflict resolution, staff development, and quality patient care within the perioperative environment.
- 2.11 Demonstrate assistant circulator responsibilities, including patient positioning, skin preparation, urinary catheterization, patient transport, and support of anesthesia and surgical team activities while maintaining patient safety standards.

- 2.12 Explain the surgical technologist's role during emergency preparedness and disaster response events, including incident command systems, triage principles, mass casualty management, and continuity of perioperative services.
3. METHODS OF INSTRUCTION
 - 3.1 Lecture
 - 3.2 Multi-media Presentations
 - 3.3 Group Discussions
4. LEARNING ACTIVITIES
 - 4.1 Group Discussions
 - 4.2 Oral Presentations
 - 4.3 Classroom Demonstrations
5. EVALUATION
 - 5.1 Quizzes/Exams
 - 5.2 Assignments
 - 5.3 Participation
 - 5.4 Case Studies
6. STUDENT RESPONSIBILITIES
 - 6.1 Under AWC Policy, students are expected to attend every session of class in which they are enrolled.
 - 6.2 Classroom Assignments: Students are responsible for work missed and for completing all work before the next class meeting. Students are responsible for participating in all oral drills and for taking all exams.
 - 6.3 If a student is unable to attend the course or must drop the course for any reason, it will be the responsibility of the student to withdraw from the course. Students who are not attending as of the 45th day of the course may be withdrawn by the instructor. If the student does not withdraw from the course and fails to complete the requirements of the course, the student will receive a failing grade.
 - 6.4 Americans with Disabilities Act Accommodations: Arizona Western College provides academic accommodations to students with disabilities through AccessABILITY Resource Services (ARS). ARS provides reasonable and appropriate accommodations to students who have documented disabilities. It is the responsibility of the student to make the ARS Coordinator aware of the need for accommodations in the classroom prior to the beginning of the semester. Students should follow up with their instructors once the semester begins. To make an appointment call the ARS front desk at (928) 344-7674 or ARS Coordinator at (928) 344-7629, in the College Community Center (3C) building, next to Advising.
 - 6.5 Academic Integrity: Any student participating in acts of academic dishonesty including, but not limited to, copying the work of other students, using unauthorized "crib notes", plagiarism, stealing tests, or forging an instructor's signature—will be subject to the procedures and consequences outlined in AWC's Student Code of Conduct.
 - 6.6 Textbooks and materials: Students are required to bring notebook or looseleaf book, pens, pencils, dictionaries, and purchase textbook required for class.
 - 6.7 Arizona Western College students are expected to attend every class session in which they are enrolled. To comply with Federal Financial Aid regulations (34 CFR 668.21), Arizona Western College (AWC) has established an Attendance Verification process for "No Show" reporting during the first 10 days of each semester.

Students who have enrolled but have never attended class may be issued a “No Show” (NS) grade by the professor or instructor and receive a final grade of “NS” on their official academic record. An NS grade may result in a student losing their federal financial aid.

For online classes, *student attendance in an online class is defined as the following* (FSA Handbook, 2012, 5-90):

- Submitting an academic assignment
- Taking an exam, an interactive tutorial or computer-assisted instruction
- Attending a study group that is assigned by the school
- Participating in an online discussion about academic matters
- Initiating contact with a faculty member to ask a question about the academic subject studied in the course