Western Technical College

10512127 Exploring Surgical Issues

Course Outcome Summary

Course Information

Description	Explores a variety of issues related to surgical technology. Emphasis is placed is on becoming a professional member of the surgical team.
Career Cluster	Health Science
Instructional Level	Associate Degree Courses
Total Credits	2
Total Hours	36

Textbooks

Surgical Technology for the Surgical Technologist: A Positive Care Approach. 5th Edition. Copyright 2018. Association of Surgical Technologists. Publisher: Cengage Learning. **ISBN-13**: 978-1-305-95641-4. Required.

High Impact Practices

1. Community Engagement - in this course, you will explore and reflect on opportunities presented by the college and the program to become more involved in the community (ex: Employer Spotlights, Volunteerism, Professional Associations, and Community Action Boards)

2. Technology-Enhanced Learning: this course will incorporate digital technologies like gamification, virtual reality experiences, or simulations. In addition, you will create technology-enhanced products such as ePortfolios, multimedia presentations, or other e-products to showcase your learning.

Program Outcomes

1. Apply healthcare and technological science principles to the perioperative environment

2. Apply healthcare and technological science principles to the perioperative environment

3. Provide a safe, efficient, and supportive environment for the patient

4.   Provide a safe, efficient, and supportive environment for the patient

5.   Function as an ethical, legal, and professional member of the healthcare team as determined by governing bodies

Course Competencies

1.   Explore the surgical technologist scope of practice and AST best practices

Assessment Strategies
1.1.   Written Product
1.2.   Written Objective Test

Criteria

You will know you are successful when

1.1.   you summarize the responsibilities of the Surgical Technologist in the non-sterile role
1.2.   you summarize the responsibilities of the Surgical Technologist in the sterile role
1.3.   you describe the relationship between a Surgical Technologist and other members of the healthcare team
1.4.   you identify the sterile team members and their roles
1.5.   you identify non sterile team members and their roles

Learning Objectives
1.a.   Compare the different roles of the team members in the surgical setting
1.b.   Explore AST best practices within the scope of Surgical Technology

2.   Compare and contrast professional organizations and credentialing within the profession

Assessment Strategies
2.1.   by participating in class discussions
2.2.   Oral, written, or graphic presentation
2.3.   Written Product

Criteria
2.1.   you describe the purposes of each professional and credentialing organization
2.2.   you explore membership benefits and demonstrate familiarity of the Association of Surgical Technologists
2.3.   you describe the steps/preparation required for becoming credentialed
2.4.   you summarize continuing education requirements
2.5.   you identify professional publications related to the Surgical Technology career

Learning Objectives
2.a.   Compare certification, registration, and licensure and how it relates to perioperative team members.
2.b.   Explore applicable professional organizations and their role in the surgical technology profession
2.c.   Describe the process and requirements of attaining and maintaining certification in surgical technology

3.   Examine legal issues related to surgical technology

Assessment Strategies
3.1.   Written Product
3.2.   Written Objective Test
3.3.   Oral/Video discussion

Criteria

You will know you are successful when

3.1.   you accurately identify terminology related to state and/or federal laws
3.2.   you identify the legal responsibilities of the surgical technologist
3.3.   you assess the resources available that identify professional standards of conduct
3.4.   You demonstrate understanding of negligence and the factors surrounding negligence in healthcare
3.5.   You interpret the implications of applicable legal doctrines

Learning Objectives

3.a. Analyze the concepts of law.
3.b. Define the various types of legal doctrines
3.c. Discuss the concepts that influence the standards of conduct

4. Identify ethical issues related to surgical technology

Assessment Strategies
4.1. in written or oral responses to describing situations in which you need to make ethical choices
4.2. Written Objective Test

Criteria

You will know you are successful when

4.1. you describe appropriate course of action to ethical conflicts
4.2. you identify elements of ethical decision making
4.3. you predict the impact of proposed course of action
4.4. you integrate concepts of surgical conscience in practice
4.5. you analyze the American Hospital Association's Patient Care Partnership

Learning Objectives
4.a. Understand the influence of ethics in professional practice
4.b. Discuss examples of ethical situations and problems in the health profession
4.c. Recognize the key elements and role of morality during ethical decision making

5. Utilize communication techniques appropriate for the operating room

Assessment Strategies
5.1. Written Product (potentially collaborative to demonstrate communication techniques)
5.2. Written Objective Test

Criteria

You will know you are successful when

5.1. you demonstrate the unique communication skills used in the operating room
5.2. you demonstrate types of communication relationships
5.3. you evaluate effective and ineffective listening skills
5.4. you describe barriers to effective communication in the operating room
5.5. you demonstrate effective teamwork
5.6. you use the computer to access information and complete work assignments

Learning Objectives
5.a. Utilize methods for successful team participation towards the attainment of team goals
5.b. Explore the strategies necessary for problem resolution and conflict management in the workplace
5.c. Discuss goals of communication
5.d. Compare types of communication relationships

6. Explain risk management in the hospital setting

Assessment Strategies
6.1. in oral or written responses during classroom activities
6.2. Written Objective Test

Criteria

You will know you are successful when

6.1. you evaluate the role of the risk management department
6.2. you identify risk management issues
6.3. you identify common errors that may occur in the operating room
6.4. you describe appropriate preventative and corrective measures to minimize errors in the operating room

Learning Objectives
6.a. Examine the role of the risk management department in the healthcare facility.
6.b. Relate examples of surgical events to Risk Management processes and their importance.
6.c. Summarize the intentions of risk management
6.d. Describe the types of sentinel events

7. **Prepare for employment as a Surgical Technologist**

   Assessment Strategies
   7.1. Written product or portfolio
   7.2. Written Objective Test

   Criteria

   You will know you are successful when

   7.1. you create a current resume or portfolio
   7.2. you write a sample cover letter
   7.3. you identify interview evaluation/preparation tips
   7.4. you identify goals and plan of action for life long learning
   7.5. you summarize employability qualities

   Learning Objectives
   7.a. Compare employment opportunities as well as various roles for the surgical technologist.
   7.b. Construct a plan of action towards employment in the health care field.
   7.c. Explore interviewing strategies within the health care field.
   7.d. Develop a professional resume
   7.e. Explain positive characteristics related to the surgical technology profession.

8. **Analyze the needs of the patient**

   Assessment Strategies
   8.1. Written Product
   8.2. Written Objective Test

   Criteria

   You will know you are successful when

   8.1. you identify the biological needs of the patient; health and wellness
   8.2. you identify the holistic needs of the patient
   8.3. you describe equitable care for a diverse patient population
   8.4. you describe death and dying issues
   8.5. you describe needs of susceptible patient populations

   Learning Objectives
   8.a. Evaluate the holistic needs of the surgical patient
   8.b. Discuss the needs of susceptible populations
   8.c. Identify The definitions, various causes of, and perceptions regarding death and dying
   8.d. Compare and contrast responses and coping strategies to the process of death
   8.e. Analyze quality vs. quantity of life
   8.f. Evaluate the process when a patient's death occurs in the operating room
   8.g. Discuss the issues regarding organ and tissue recovery from a deceased individual

9. **Develop a professional image as a Surgical Technologist**

   Assessment Strategies
   9.1. through self, peer, and instructor evaluation
   9.2. by answering questions that require you to apply knowledge about this competency (Your instructor may require several written exams as part of this course. You will be notified in advance.)

   Criteria

   You will know you are successful when

   9.1. you demonstrate effective interpersonal skills
   9.2. you follow policy and procedure for surgical attire
   9.3. you demonstrate conflict management skills
   9.4. you maintain a positive attitude
   9.5. you prepare for all assignments
   9.6. you demonstrate time management skills
   9.7. you accept constructive comments/feedback from others
   9.8. you participate as a team member in meeting team goals

9.9.	you demonstrate responsible attendance
9.10.	you utilize critical thinking skills

Learning Objectives

9.a.	Discuss professional behaviors to the role of the surgical team member.
9.b.	Summarize plan for attainment of credentials and professional development

## 10.	Examine the role of a Surgical Technologist in all hazards preparation

Assessment Strategies

10.1.	by answering questions that require you to apply knowledge about this competency (Your instructor may require several written exams as part of this course. You will be notified in advance.)
10.2.	in an oral, written, or graphic assessment

Criteria

You will know you are successful when

10.1.	you identify disaster planning for national, personal, healthcare facility and LEMA
10.2.	you identify disaster planning for public health emergencies
10.3.	you identify effects of emerging infectious diseases
10.4.	you recommend immediate response to an all-hazards event
10.5.	you identify infection control precautions
10.6.	you describe the Surg Tech role in triage
10.7.	you identify issues during a disaster
10.8.	you identify supporting roles for the Surg Tech

Learning Objectives

10.a.	Describe the types of disasters or public health emergencies
10.b.	Discuss the effects of emerging infectious disease and of disasters on the environment
10.c.	Recognize the processes used to control contamination, manage waste, and mitigate casualties according to specific types of disaster
10.d.	Describe the purpose and coordination of all-hazards systems, including the EOP, HICS, NIMS, and NRF.
10.e.	Describe triage procedures and the role of the surgical technologist during triage
10.f.	Describe the support roles for the surgical techologist

## 11.	Evaluate information technology tools as they relate to the surgical technologist

Assessment Strategies

11.1.	by answering questions that require you to apply knowledge about this competency (Your instructor may require several written exams as part of this course. You will be notified in advance.)
11.2.	in an oral, written, or graphic assessment

Criteria

You will know you are successful when

11.1.	you describe the basic components of a computer system
11.2.	you evaluate basic electronic medical records (EMR) systems used
11.3.	you evaluate safe practices for implementing information technology
11.4.	you describe best practices in securing protected health information (PHI)

Learning Objectives

11.a.	Describe the basic components of a computer system
11.b.	Evaluate basic electronic medical records (EMR) systems used
11.c.	Evaluate safe practices for implementing information technology
11.d.	Describe best practices in securing protected health information (PHI)