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 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


Success Abilities

1. Cultivate Passion: Enhance Personal Connections
2. Cultivate Passion: Expand a Growth-Mindset
3. Cultivate Passion: Increase Self-Awareness
4. Live Responsibly: Develop Resilience
5. Live Responsibly: Embrace Sustainability
6. Live Responsibly: Foster Accountability
7. Refine Professionalism: Act Ethically
8. Refine Professionalism: Improve Critical Thinking
9. Refine Professionalism: Participate Collaboratively
10. Refine Professionalism: Practice Effective Communication

Program Outcomes

1. Apply healthcare and technological science principles to the perioperative environment
2. Maintain principles of sterile technique in the surgical environment
3. Provide a safe, efficient, and supportive environment for the patient
4. Prepare the patient, operating room, and surgical team for the preoperative phase
5. Function as an ethical, legal, and professional member of the healthcare team as determined by governing bodies

Course Competencies

1. **Compare and contrast professional organizations and credentialing within the profession.**

   **Assessment Strategies**
   1. by participating in class discussions
   2. by comparing professional and credentialing organizations and reporting your findings in an oral, written, or graphic presentation
   3. 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**
   1. you include the purposes and differences of each professional and credentialing organization.
   2. you include the benefits of membership to the Association of Surgical Technologists.
   3. you include the steps/preparation required for becoming credentialed.
   4. you include continuing education requirements.
   5. you include professional publications related to the Surgical Technology career.
   6. you include the purpose of private volunteer agencies.

   **Learning Objectives**
   1.a. Compare certification, registration, and licensure and how it relates to perioperative team members.
   1.b. Examine professional and personal importance of becoming certified.
   1.c. Outline the various methods of professional development.
   1.d. Prescribe a plan for professional development.

2. **Examine legal issues related to surgical technology.**

   **Assessment Strategies**
   1. in written or oral responses to describing situations in which you need to make legal and ethical choices
   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**
   1. you accurately identify the state and/or federal laws that apply to each situation.
   2. you describe the legal/ethical issues present in each situation.
   3. you propose, for each situation, a course of action that complies with state and federal laws.
   4. you explain the logic of the proposed courses of action.
   5. you predict the ramifications of failure to comply with federal and/or state laws in the context of each situation.
   6. you identify the legal responsibilities of the surgical technologist.
   7. you assess the resources available that identify professional standards of conduct.

   **Learning Objectives**
   2.a. Analyze the concepts of law.
   2.b. Interpret the legal responsibilities of the surgical technologist and the other surgical team members.
   2.c. Compare major criminal and civil liabilities and the consequences for these acts.
   2.d. Identify the resources that aid the surgical technologist in examining various legal issues.

3. **Explore ethical issues related to surgical technology.**

   **Assessment Strategies**
   1. in written or oral responses to describing situations in which you need to make ethical choices
   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

3.1. you describe appropriate course of action to ethical conflicts.
3.2. you identify aspects of ethical decision making.
3.3. you predict the impact of proposed course of action.
3.4. you integrate concepts of surgical conscience in practice.
3.5. you analyze the American Hospital Association's Patient's Bill of Rights.

Learning Objectives

3.a. Examine various health organizations impact on patient care.
3.b. Identify ethical conflicts related to health care.

4. **Apply communication techniques appropriate for the operating room.**

Assessment Strategies

4.1. in oral responses during class activities
4.2. 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

4.1. you demonstrate the unique communication skills used in the operating room.
4.2. you evaluate effective and ineffective listening skills.
4.3. you describe barriers to effective communication in the operating room.
4.4. you demonstrate effective teamwork.
4.5. you use the computer to access information and complete work assignments.

Learning Objectives

4.a. Examine the function of work groups.
4.b. Classify common sources and types of conflict in the perioperative environment.
4.c. Examine the difference in group behaviors.
4.d. Illustrate awareness of differing cultural perspective.

5. **Explain risk management in the hospital setting.**

Assessment Strategies

5.1. in oral or written responses during classroom activities
5.2. 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

5.1. you evaluate the role of the risk management department.
5.2. you identify risk management issues.
5.3. you identify common errors that may occur in the operating room.
5.4. you describe appropriate preventative and corrective measures to minimize errors in the operating room.

Learning Objectives

5.a. Examine the role of the risk management department in the healthcare facility.
5.b. Illustrate errors that may occur in the operating room and devise a plan for investigation, correction, and notification.
5.c. Break down prevention, correction, and documentation techniques that may positively impact risk management issues.
5.d. Compare professional liability insurance policies.

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

Assessment Strategies

6.1. by developing career plan
6.2. by participating in a mock interview
6.3. 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.)
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Criteria

You will know you are successful when

6.1. your plan includes a current resume or portfolio.
6.2. your plan includes a sample cover letter.
6.3. your plan includes interview evaluation/preparation tips.
6.4. your plan includes goals for life long learning.
6.5. your plan is well organized and professionally presented.
6.6. your plan includes discussion of employability qualities.

Learning Objectives

6.a. Investigate current trends and employment opportunities for the surgical technologist.
6.b. Construct a plan of action towards employment in the health care field.
6.c. Explore interviewing strategies within the health care field.
6.d. Demonstrate the resume construction process.
6.e. Explain positive characteristics related to the surgical technology profession.

7. Analyze the biopsychosocial needs of the patient.

Assessment Strategies

7.1. by oral or written response during classroom activities
7.2. 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

7.1. you address the biological needs of the patient; health and wellness.
7.2. you address the cultural needs of the patient.
7.3. you address the social needs of the patient.
7.4. you address the spiritual needs of the patient.
7.5. you address death and dying issues.
7.6. you address age/stage needs (pediatric-geriatric) of the patient.

Learning Objectives

7.a. Explore the basic needs of life.
7.b. Examine appropriate behavior in response to the needs manifested by the surgical patient.
7.c. Break down potential sources of anxiety and fear in the surgical patient.
7.d. Classify specific needs of special populations.

8. Develop a professional image as a Surgical Technologist.

Assessment Strategies

8.1. through self, peer, and instructor evaluation
8.2. 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

8.1. you demonstrate effective interpersonal skills.
8.2. you follow policy and procedure for surgical attire.
8.3. you demonstrate conflict management skills.
8.4. you maintain a positive attitude.
8.5. you prepare for all assignments.
8.6. you demonstrate time management skills.
8.7. you accept constructive comments/feedback from others.
8.8. you work effectively as a team member.
8.9. you demonstrate responsible attendance.
8.10. you utilize critical thinking skills.

Learning Objectives

8.a. Compare each behavior as it relates to the role of the surgical team member.
8.b. Select appropriate behaviors utilized within the perioperative setting.

9. **Examine the role of a Surgical Technologist in hazard preparedness.**

**Assessment Strategies**

9.1. 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.)

9.2. in an oral, written, or graphic assessment

**Criteria**

*You will know you are successful when*

9.1. you identify general indicators and epidemiological clues of a disaster.

9.2. you identify disaster planning for national, personal, healthcare facility, and LEMA.

9.3. you recommend immediate response to an all-hazards event.

9.4. you identify infection control precautions.

9.5. you describe the Surg Tech role in triage.

9.6. you identify issues during a disaster.

9.7. you identify supporting roles for the Surg Tech.

**Learning Objectives**

9.a. Compare disasters and public emergencies that impact public health facilities.

9.b. Explain key components related to disaster planning and preparation.

9.c. Identify local, regional, and national disaster support services and roles of each.