SUR105 Intro to Surgical Technology Syllabus

Course Information

Credits: 4
Campus: Washburn Institute of Technology
Address: 5724 SW Huntoon
City/State/Zip: Topeka, Kansas 66604
Office Fax: 785-273-7080

Description
This course introduces the student to professional responsibilities, duties, and general functions of the operating room. It also introduces the student to the rest of the operating room team and their functions, responsibilities for safety of the patient and themselves, organization of the hospital and the operating room, legal and ethical issues, and the importance of communication in the operating room, credentialing, and professionalism. The use of electricity and lasers in the operating room are also covered as are the pre-op routines of the circulator prior to the patient entering the operating room.

Textbooks
ISBN: 978-1-305-95641-4

ISBN: 978-1-30-595643-8

Association of Surgical Technologist, MindTap, 5th Ed., (2016), Delmar Cengage Learning
ISBN: 978-1-337-60669-1

Student Learning Outcomes:
A. Communicate effectively
B. Integrate technology
C. Learn effectively
D. Demonstrate cooperative teamwork skills
E. Apply safety in the workplace
F. Think critically and creatively
G. Demonstrate responsible work ethics
Competencies
1. Assistant Circular Role – Discuss perioperative duties of the assistant circulator.
2. Hospital organization and management – Identify roles of team members, chain of command in the operating room, and hospital departments that relate to direct and indirect patient care.
3. Patient identification – State the purposes of proper identification.
4. Perioperative Case Management – Describe the physical preparation and care that the surgical patient may receive prior to the surgical procedure.
5. Documentation and Consent - Summarize the recommended practices and legal elements of proper documentation including informed consent.
6. Death and dying – Describe the responses to the process of death in the operating room and various coping strategies and mechanisms.
7. Professional management – Discuss the various functions of professional credentialing and organizations related to the field of surgical technology.
8. Communicating skills and teamwork – Acknowledge the importance of cooperative behavior by group members to accomplish common team goals.
9. Ethical and moral issues – Develop surgical conscience by analyzing the role of morality during ethical decision making.
10. Legal issues – Interpret the legal responsibilities and professional standards of conduct for surgical team members.
11. Risk management and liability- Identify preventative measures for common errors that occur in the operating room and possible appropriate responses.
12. Biopsychosocial needs of the patient- Identify appropriate behavior in response to the needs manifested by the surgical patient and their significant others.
13. PACU – Identify necessary equipment in the PACU and potential postoperative complications of the surgical patient.
14. Physical environment – Describe a basic surgical suite including environmental systems and controls.
15. Information technology– Demonstrate the use of computer skills and access information.
16. Electricity – Describe essential electrical knowledge for safe patient care practices in the OR.
17. All Hazards Preparation – Identify essential components of all hazards preparation.
18. Physical environment- Identify basic surgical furniture and supplies using the Simulation Lab (RSC).

Guidelines for Success
Assessment Plan
Assessment is an integral part of the educational process at Washburn Tech and accurate feedback is an important tool in continuously improving the institution’s technical programs. Students can expect to participate in assessment activities prior to entry into programs, within specific courses and following program completion for specific fields of study.

Grading Rationale and Grading Scale
Grades will be issued at the completion of each 9 weeks. A student may NOT continue in the program with a final grade less than a "C". The following is the grading scale:

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<thead>
<tr>
<th>Grade</th>
<th>Percentage</th>
<th>Description</th>
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<tbody>
<tr>
<td>A</td>
<td>94% - 100%</td>
<td>Excellent work</td>
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<tr>
<td>B</td>
<td>87% - 93%</td>
<td>Above average work</td>
</tr>
<tr>
<td>C</td>
<td>80% - 86%</td>
<td>Minimum acceptable level, average</td>
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<tr>
<td>D</td>
<td>75% - 79%</td>
<td>Below average and unacceptable to continue in class</td>
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<tr>
<td>F</td>
<td>74.5% or below</td>
<td>Fail</td>
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Daily Grades
Five points will be given daily for class participation. Points will be deducted for absence, unprofessionalism, tardiness, bad attitude, or anything else determined by the instructor.

Unit tests and Pop quizzes will be given. Test material may come from any of your books on that particular subject or from lecture and videos. Take notes. A course final exam will be given at the finish of the course.

Attendance
If a student is absent 5 hours or more zero points will be awarded for that day. If a student is absent 3 hours a day a minimum of 5 points can be earned. If a student is tardy more than 5 minutes he or she will lose 2 points. You will be given 2 "free tardies" that will not count against your attendance.

Disability
The Americans with Disabilities Act (ADA) Office is responsible for assisting in arranging accommodations and for identifying resources at Washburn Institute of Technology for persons with disabilities. Qualified students with disabilities MUST self-identify by completing an application. In addition students must provide appropriate medical documentation to the ADA coordinator to be eligible for accommodations. New requests for accommodations should be submitted at least two months or more prior to the date the accommodations are needed. However, please contact the ADA office as soon as a need may arise. Depending on the accommodation request, four to eight weeks lead time may be needed for timely and effective provision of accommodations.

The ADA Office coordinates and assists in arranging accommodations it deems appropriate for eligible students on a case-by-case basis. If you are a student with a disability that may substantially limit your ability to participate in any of our classes and you believe that you will need accommodations, it is your responsibility to contact: ADA Coordinator, 785.670.3365 or gloria.christian@washburn.edu.

Washburn University prohibits discrimination on the basis of race, color, religion, age, national origin, ancestry, disability, sex, sexual orientation, gender identity, genetic information, veteran status, or marital or parental status. The following person has been designated to handle inquiries regarding the non-discrimination policies: Dr. Pamela Foster, Equal Opportunity Director/Title IX Coordinator, Washburn University, 1700 SW College Ave, Topeka, Kansas 66621, 785.670.1509, eodirector@washburn.edu.