NEOSHO COUNTY COMMUNITY COLLEGE
MASTER COURSE SYLLABUS

COURSE IDENTIFICATION

Course Code/Number: SURG 101

Course Title: Introduction to Surgical Technology Lab

KRSN: N/A
(Kansas Regents Shared Number)

Please visit the Kansas Board of Regents website for more information.

Division: ☐ Applied Science (AS)   ☐ Liberal Arts (LA)   ☒ Workforce Development (WD)

☐ Health Care (HC)   ☐ Lifetime Learning (LL)   ☐ Nursing   ☐ Developmental

Credit Hour(s):   Two (2)

Effective Date: Fall 2017

Assessment Goal Per Outcome: 80%

COURSE DESCRIPTION

This is a two credit hour introductory laboratory course designed to provide the student with the hands-on instruction necessary to learn the perioperative skills required to establish a sterile field and perform the necessary functions of the scrubbed person upon entering the sterile field. This course includes supervised practice and instruction on the basic concepts necessary to establish, maintain, and coordinate tasks required for good patient care in the perioperative setting in a 9:1 or 9:2 student per instructor ratio. Students will apply aseptic technique, surgical principles and surgical conscience in learning and demonstrating the skills specific to those of the first scrub and assistant circulator roles. Upon completion of this course the student will demonstrate understanding in the cognitive, psychomotor and affective learning domains related to principles and practice of surgical technology as outlined in the Core Curriculum for Surgical Technology, 6th Ed., as indicated by their final exam and competency scores.

MINIMUM REQUIREMENTS/PREREQUISITES AND/OR COREQUISITES

Surgical Technology Program admission as defined by admission policies. Must be taken concurrently with SURG 102 Principles and Practices of Surgical Technology.

TEXTS
 The official list of textbooks and materials for this course is found on *my*Neosho.

http://www.neosho.edu/ProspectiveStudents/Registration/CourseSyllabi.aspx

GENERAL EDUCATION OUTCOMES

1. Practice Responsible Citizenship through:
    *   identifying rights and responsibilities of citizenship,
    *   identifying how human values and perceptions affect and are affected by social diversity,
    *   identifying and interpreting artistic expression.
2. Live a healthy lifestyle (physical, intellectual, social) through:
    *   listing factors associated with a healthy lifestyle and lifetime fitness,
    *   identifying the importance of lifetime learning,
    *   demonstrating self-discipline, respect for others, and the ability to work collaboratively as a team.
3. Communicate effectively through:
    *   developing effective written communication skills,
    *   developing effective oral communication and listening skills.
4. Think analytically through:
    *   utilizing quantitative information in problem solving,
    *   utilizing the principles of systematic inquiry,
    *   utilizing various information resources including technology for research and data collection.

COURSE OUTCOMES/COMPETENCIES (as Required)

1. Pre-operative – Demonstrate basic operating room preparation skills for surgical procedure.

2. Post-operative – Demonstrate proper methods to remove sterile surgical attire.

MINIMUM COURSE CONTENT

The following topics must be included in this course. Additional topics may also be included.

I. Pre-operative – Demonstrate basic operating room preparation skills for surgical procedure.
1. Identify different areas of sterile environments
    a. Unrestricted
    b. Semi-restricted
    c. Restricted
2. Identify attire for appropriate sterile environment area
3. Identify operating room assignment
4. Prepare self and assigned operating room for surgical procedure

       a. Don OR attire

       b. Surgical hand scrub

       c. Damp dust OR

5. Identify and arrange appropriate OR furniture in assigned OR.
6. Obtain preference card and/or supplies for assigned procedure.
   a. Identify various equipment, supplies and instrumentation
   b. Gather equipment, supplies and instrumentation
   c. Verify equipment, supplies and instrumentation
   d. Evaluate integrity of supplies and instrumentation
7. Establish sterile field
   a) Open sterile pack on back table
   b) Open sterile basin on ring stand
   c) Open envelope wrapped items
       i. Place onto sterile field
       ii. Secured by established ST
   d) Open peel-packed items
   e) Open instrument container system
8. Enter/Organize sterile field
   a. Perform hand scrub/rub
   b. Gown/glove self
   c. Remove instrument set from container system
   d. Arrange supplies and instruments
   e. Drape mayo stand
   f. Properly receive medications from circulator
       i. Poured medications
       ii. Vial held by circulator
   g. Prepare medications
       i. Label medications
       ii. Fill syringe/asepto
   h. Perform a sponge, sharp and instrument count
9. Perform assistant circulator tasks
   a. Fasten surgical gown
   b. Properly deliver medications to sterile field

  II.   **Post-operative – Demonstrate proper methods to remove sterile surgical attire.**
1. Remove sterile gown and gloves
2. Identify use of non-sterile gloves
   a. Don non-sterile gloves
3. Perform basic hand wash

STUDENT REQUIREMENTS AND METHOD OF EVALUATION

<u>INSTRUCTIONAL METHODS</u>
1. Lectures
2. Discussion
3. Essays

4. Workbook Assignments
5. Handouts
6. Group Oral Presentations
7. Audio-Visual
8. Guest speakers
9. Examples and demonstration
10. Surgical Technology Review Questions - discussed
11. Unannounced requirements, including unannounced tests, possible

OTHER POSSIBLE INSTRUCTIONAL MEDIA
Internet, handouts, audiovisual media, textbooks, current periodicals, computer lab, on-site surgical technology lab.

STUDENT REQUIREMENTS

A. Practical Skills Final – Skills Assessment that examines the student's ability to gather sterile supplies, create sterile field, scrub, gown, glove, arrange supplies and instruments, drape mayo stand, receive medications and identify general surgery instrumentation.
B. Lab grades will be assigned as follows: Pass (P) or Not Pass (NP)
   Pass: Satisfactory completion of 80% of all objectives
   Not Pass: Satisfactory completion of less than 80% of all objectives
C. Formal Evaluations will be given to inform the student of their progress throughout the course. These evaluations will be based upon performance during skills check offs and overall performance in the lab environment. Students will be advised in an ongoing manner of evaluation of skills testing success and required improvements with recommendations on how to accomplish success.
D. Skills Tests, unannounced quizzes and the evaluations will be used to determine the lab grade.
E. Concurrent Policy
   SURG 101 Introduction to Surgical Technology Lab and SURG 102 Principles and Practice of Surgical Technology are concurrent and both must be passed to enable the student to progress in the program. The lab component is graded as pass/not pass.

GRADE SCALE
Lab grades will be assigned as follows: Pass(P) Not pass (NP)

   Pass: Satisfactory completion of 80% of all objectives
   Not Pass: Satisfactory completion of less than 80% of all objectives

ASSESSMENT OF STUDENT GAIN

Assessment ideally begins during the advisement and enrollment process with the advisor and/or instructor interviewing the student to determine the proper level of placement. During the first two weeks of a semester, students are observed and/or interviewed and assignments are examined to determine needed competency development. Post assessment to determine gain in competency will be

measured at the end of each unit of study. Evaluation of student performance is determined primarily from results of examinations, skills tests, homework, and lab work. Class participation is considered.

Attendance Policy

1. NCCC values interactive learning which promotes student engagement in the learning process. To be actively engaged, the student must be present in the learning environment.
2. Unless students are participating in a school activity or are excused by the instructor, they are expected to attend class. If a student's absences exceed one-eighth of the total course duration, (which equates to one hundred (100) minutes per credit hour in a face-to-face class) the instructor has the right, but is not required, to withdraw a student from the course. Once the student has been dropped for excessive absences, the registrar's office will send a letter to the student, stating that he or she has been dropped. A student may petition the chief academic officer for reinstatement by submitting a letter stating valid reasons for the absences within one week of the registrar's notification. If the student is reinstated into the class, the instructor and the registrar will be notified.   Please refer to the Student Handbook/Academic Policies for more information

3. Absences that occur due to students participating in official college activities are excused except in those cases where outside bodies, such as the State Board of Nursing, have requirements for minimum class minutes for each student. Students who are excused will be given reasonable opportunity to make up any missed work or receive substitute assignments from the instructor and should not be penalized for the absence. Proper procedure should be followed in notifying faculty in advance of the student's planned participation in the event. Ultimately it is the student's responsibility to notify the instructor in advance of the planned absence.

ACADEMIC INTEGRITY

NCCC expects every student to demonstrate ethical behavior with regard to academic pursuits. Academic integrity in coursework is a specific requirement.   Definitions, examples, and possible consequences for violations of Academic Integrity, as well as the appeals process, can be found in the College Catalog, Student Handbook, and/or Code of Student Conduct and Discipline.

ELECTRONIC DEVICE POLICY

Student cell phones and other personal electronic devices not being used for class activities must not be accessed during class times unless the instructor chooses to waive this policy.

NOTE

Information and statements in this document are subject to change at the discretion of NCCC. Students will be notified of changes and where to find the most current approved documents.

ACCOMMODATIONS

If you are a student with a disability who may need accommodation(s), in compliance with Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act (ADA) of 1990, please notify the Dean of Student Services in the Student Services Office, Sanders Hall, 620-432-0304, on the Chanute Campus, or the Dean for the Ottawa and Online Campuses, 785-248-2798, on the Ottawa Campus as soon as possible. You will need to bring your documentation for review in order to determine reasonable accommodations, and then we can assist you in arranging any necessary accommodations.

NON-DISCRIMINATION POLICY

The following link provides information related to the non-discrimination policy of NCCC, including persons with disabilities. Students are urged to review this policy.

http://www.neosho.edu/Departments/NonDiscrimination.aspx

SEXUAL MISCONDUCT POLICY (TITLE IX)

At NCCC, it is the responsibility of an instructor to help create a safe learning environment in the classroom, including both physical and virtual classrooms.   All instructors are considered mandatory reporters at NCCC, therefore any information regarding sexual misconduct that is shared by a student in one-on-one meetings with the instructor must be reported to appropriate personnel at the College. Instructors will keep the information private to the greatest extent possible, but it is not confidential. Generally, climate surveys, classroom writing assignments or discussions, human subjects research, or events such as Take Back the Night events do not provide notice that must be reported to the Coordinator by employees, unless the reporting party clearly indicates that they wish a report to be made.

The following link provides information related to the sexual misconduct policy of NCCC, including resources, reporting options, and student rights. Students are urged to review this policy.

http://www.neosho.edu/TitleIX.aspx

COURSE NOTES

Clock Hours: 40