

**NEOSHO COUNTY COMMUNITY COLLEGE  
MASTER COURSE SYLLABUS**

**COURSE IDENTIFICATION**

Course Code/Number:           SURG 206

Course Title:                   Surgical Technology Clinical II

Division:    Applied Science (AS)    Liberal Arts (LA)    Workforce Development (WD)  
               Health Care (HC)    Lifetime Learning (LL)    Nursing    Developmental

Credit Hour(s): 8

Effective Date: Fall 2017

Assessment Goal Per Outcome: 80%

**COURSE DESCRIPTION**

This course is designed to provide the student with the hands on experience necessary to become employed as a surgical technologist. This course functions to expand knowledge gained in the previous program courses, and support the knowledge being gained in the Surgical Procedures II course. Students continue their supervised clinical rotations, with focus on applying the fundamental concepts and principles necessary for successful participation on a surgical team, in the first scrub role, as identified in the 6<sup>th</sup> Edition Core Curriculum surgical rotation case requirements listing. 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, 6<sup>th</sup> Ed., Association of Surgical Technologists, as indicated by their weekly clinical evaluations, surgical case attainment and weekly course requirements.

**MINIMUM REQUIREMENTS/PREREQUISITES AND/OR COREQUISITES**

Surgical Technology Program admission, as defined by admission policy. SURG 202 Surgical Procedures I, and SURG 106 Surgical Technology Clinical I. Must be taken concurrently with SURG 204 Surgical Procedures II.

**TEXTS**

The official list of textbooks and materials for this course is found on *myNeosho*.

## **GENERAL EDUCATION OUTCOMES**

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

## **COURSE OUTCOMES/COMPETENCIES (as Required)**

- (1) Continue to develop and apply knowledge of general perioperative practices in creating and maintaining a sterile environment within the clinical setting.
- (2) Demonstrate accuracy and accountability in preparing the operating room for the surgical patient.
- (3) Achieve first scrub solo responsibilities through successful management of intraoperative skills.
- (4) Practice safety and reliability in post-operative tasks.
- (5) Demonstrate professionalism and leadership as part of the operating room team.

## **MINIMUM COURSE CONTENT**

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

- a) Apply knowledge of general perioperative practices in creating and maintaining a sterile environment within the clinical setting:
  - (1) Demonstrates knowledge and application of aseptic technique
  - (2) Demonstrates knowledge of anatomy and physiology and is able to correlate that knowledge to surgical procedures
  - (3) Demonstrates instrumentation knowledge, preparation, organization and handling
  - (4) Demonstrates ability to successfully complete appropriate level clinical assessments/check-offs in perioperative case management

- (5) Demonstrates proper body mechanics
- (6) Accurately participates in the surgical time-out and surgical counts
- b) Demonstrate accuracy and accountability in preparing the operating room for the surgical patient.
  - (1) Prepares the OR for the surgical case
  - (2) Prepares self for assigned surgical cases maintaining aseptic technique
  - (3) Assists with preparing supplies, instrumentation and equipment for assigned surgical cases, including using Physician's Preference Cards
  - (4) Verifies integrity of sterile items and responds appropriately
  - (5) Organizes time in an efficient manner
  - (6) Demonstrates knowledge of safe patient positioning
  - (7) Demonstrates knowledge of surgical preparation of the patient and performs accurately as needed in the assistant circulator role.
- c) Achieve first scrub responsibilities through successful management of intraoperative skills.
  - (1) Ensures sterility and accessibility of surgical site by assisting with proper draping techniques
  - (2) Maintains an organized surgical field, mayo stand and back table while in the first scrub role
  - (3) Passes instruments correctly in the position of surgeons use
  - (4) Demonstrates proper loading and handling of surgical sharps including blades, suture needles, and instruments
  - (5) Maintains sterile environment
  - (6) Identifies breaks in sterile technique and responds appropriately
  - (7) Demonstrates appropriate and safe techniques while in the second scrub role
  - (8) Properly handles surgical specimens
- d) Practice safety and reliability in post-operative tasks
  - (1) Properly prepares sterile drains and dressings
  - (2) Handles contaminated instruments and supplies according to Occupational Safety and Health Administration (OSHA) guidelines, hospital policy and procedures
  - (3) Assists with safe transfer of the surgical patient
  - (4) Demonstrates ability to clean and restock operating room
- e) Portray themselves in a professional manner as part of the operating room team.
  - (1) Demonstrates surgical conscience
  - (2) Follows surgical principles
  - (3) Maintains patient confidentiality
  - (4) Demonstrates understanding of legal issues and documentation
  - (5) Demonstrates knowledge of risk management protocol if applicable
  - (6) Maintains professional behavior and attitude
  - (7) Accepts recommendations, instruction and constructive criticism willingly
  - (8) Demonstrates positive interactions with physicians and staff
  - (9) Performs as a member of the surgical team
- f) Based on clinical experience and exposure, demonstrate knowledge of surgical procedures, as detailed below and defined in the Association of Surgical Technologist's Core Curriculum, 6<sup>th</sup> Edition.
  - 1) General surgery, including types of incisions, surgery of the bowel, small intestine, stomach, gall bladder, spleen, pancreas, liver, and abdominal wall structures.

- 2) General surgery, including breast surgery, thyroid, and endoscopy.
- 3) Obstetrical and Gynecological surgery, including hysterectomy, laparoscopy, surgery of the ovary and fallopian tubes performed through the abdominal wall.
- 4) Obstetrical and Gynecological surgery, including those procedures performed through the vagina or on the external genitalia and associated structures.
- 5) Genitourinary surgery, including procedures dealing with the penis and scrotum, kidney, bladder and ureters intra-abdominally and cystoscopy and urethroscopy accomplished through the external meatus.
- 6) Orthopedic surgery, including procedures involving the four extremities and other procedures involving the skeletal system.
- 7) Ophthalmic surgery, including intraocular and extraocular procedures, laser ocular procedures, cryo procedures, eye lid procedures, and strabismus.
- 8) Ear surgery, including myringotomy and insertion of pressure equalizing tubes, surgery of the middle ear and the ear drum, and otoplasty procedures.
- 9) Nose, throat and oral surgery, including tonsillectomy, adenoidectomy, nasal surgery, sinus procedures (including sinus endoscopy), neck dissection, and surgery of the larynx and pharynx.
- 10) Plastic and Reconstructive surgery, including surgery of the face, head, breasts, and removal of skin cancers and nevi.
- 11) Peripheral vascular surgery, including vein ligation/stripping.
- 12) Cardiothoracic surgery, including scalene node biopsy and thoracostomy.
- 13) Neurosurgery, including carpal tunnel release and ulnar nerve transposition.

## **STUDENT REQUIREMENTS AND METHOD OF EVALUATION**

As required by the Association of Surgical Technologists Core Curriculum, 6<sup>th</sup> Edition, the students must complete a minimum of 120 surgical cases for graduation, of which; 80 must be in the first scrub role and 40 in the second scrub role. Of the 80 first scrub cases, 20 cases must be general surgery and 60 must be within other surgical specialties. Of the 60 surgical specialty cases a minimum of 40 must be distributed amongst four surgical specialties. A minimum of 10 cases in the First Scrub Role must be completed in each of the required minimum of four surgical specialties (40 cases total required). The additional 20 cases in the First Scrub Role may be distributed amongst any one surgical specialty or multiple surgical specialties. Of the 40 second scrub cases, 10 cases must be general surgery and 30 must be within other surgical specialties and may include 10 endoscopy cases and 5 vaginal delivery cases. The students will document their accomplishment of any of these requirements through their clinical case logs, which will be verified by their instructor(s) and preceptor(s).

## **GRADING SCALE**

The clinical grade is pass/not pass and is determined using the following components:

- a) Instructor Evaluations
- b) Preceptor Evaluations

- c) Professional behaviors demonstrated
- d) Surgical Case Requirement Log
- e) Weekly Student Goal Sheet and Self Evaluation

Pass: Satisfactory completion of 80% of all objectives

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

Please see the syllabus supplement for additional grading scale information.

## **ASSESSMENT OF STUDENT GAIN**

The purpose of assessing student learning at Neosho County Community College is to ensure the educational purposes of the institution are met and appropriate changes are made in program development and classroom instruction to allow for student success. The instructor(s) of this course will determine the methods of assessment most appropriate and complete an assessment report at the end of the course. 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 preceptor, instructor and self-evaluations, journal submissions and End of Program Clinical Performance Competency Checklist.

### **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 Association of Surgical Technology, 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.

- 4) Refer to the NCCC Surgical Technology handbook for specific and detailed clinical attendance information.

## **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**