

KINGSBOROUGH COMMUNITY COLLEGE

Of

The City University of New York

Department of Nursing

ST3P – Practicum I

Prerequisites: ST 1, ST 2

Corequisites: ST 3

Course Syllabus 2009

Credit Hours: 2

Practicum Hours: 8 hours/week

Catalogue Description: This course is designed to provide the student individualized experience in practice in the field. Emphasis is placed on demonstrating proficiency in the skills necessary to participate in surgical procedures.

Course Overview: This course intends to give the student practical exposure to the operating room and its routines. The student will spend 8 hours each week in the clinical setting observing actual practice in varied locations. This will allow the observation of actual Surgical Technologists and facilitate development of personal skills.

Course Objectives: Upon successful completion of this course the student will be able to

1. Name all basic equipment in an Operating Room
2. Properly prepare items for sterilization
3. Explain patient flow in the unit
4. Explain the surgical schedule and its administration
5. Locate items on the Locator List within the unit.
6. Demonstrate proper scrubbing procedure.
7. Demonstrate gowning and gloving procedure.

Topical Outline:

1. Surgical positioning
2. Specimen care
3. Surgical Pharmacology
4. Wound Healing
5. Anesthesia administration
6. Temperature control, hemostasis and blood replacement
7. Specialty equipment
8. Diagnostic testing

Teaching Strategies:

Pre and Post conference.

Assigned clinical procedures

Group discussions

Course Requirements:

1. Textbooks

Required:

Fuller, Joanna K., *Surgical Technology: Principles and Practice, 4th Edition*, Elsevier, 2005

Goldman, Maxine A., *Pocket Guide to the Operating Room, 3rd Edition*, F.A. Davis, 2008

Recommended:

Meeker, Margaret, H. and Jane C. Rothrock, *Alexander's Care of the Patient in Surgery*, Mosby, St. Louis, Missouri, 2007

2. Attendance:

A student is deemed excessively absent when he or she has been absent 15% of the number of contact hours a class meets during a semester. When a student is excessively absent, a grade of "W" or "WU" will be assigned as described in the college catalog.

3. Health Clearance – CPR Training:

Students are required to have health clearance and evidence of CPR training prior to registration.

During the semester any change in the student's health clearance (e.g., serious illness, accident, pregnancy, etc.) necessitates evaluation by student health service. Student responsibility includes notification of the instructor and course coordinator. Health clearance must be maintained to continue course enrollment.

4. Evaluation:

Each student will be responsible to maintain a log of their surgical procedures on the Clinical Core Case Requirement Documentation (CCCRD). The purpose of this document is to ensure that the student participates in the required number of procedures as outlined by the AST requirements. Throughout the program a minimum of 125 cases must be performed in the 1A or 1S role. Thirty five (35) must be solo (1S).

Level I Core Cases:	10
Level II Core Cases:	10
Level I Specialty Cases:	10
Level II Specialty Cases:	5

Students are required to submit weekly case logs for a total of SIX (6).

Grades will be calculated according to college and departmental policy as follows:

A+	97-100
A	93-96
A-	90-92
B+	87-89
B	83-86
B-	80-82
C+	78-79
C	75-77
C-	70-74
D+	66-69
D	60-65
F	<60 and below
W	Withdrew without penalty
WU	Unofficial Withdrawal (Counts as failure)
INC	Term's Work Incomplete. Counts as "F" grade unless work is completed within six months.

Grades will be determined as described below:

Surgical Case Logs	50%
Practicum Evaluation	50%
Mid-Term Evaluation	
Final Clinical Evaluation	

Clinical performance is evaluated as Satisfactory (S) or Unsatisfactory (U). Performance that has been designated as “U” at the end of the course will result in failure of the course (F).

A conference with the instructor is required at mid-semester and at the end of the course to discuss the student’s progress. Students may initiate conferences at other times.

5. Classroom Decorum:

All pagers and wireless phones must be turned off when in the clinical area.

6. Retention Criteria:

Criteria for retention in the Program mandates that students must:

- a. receive no more than two grades under “C” in any pre or corequisites
- b. earn a minimum final grade of “C” in every Surgical Technology course.
- c. the student must repeat a Surgical Technology course once if the grade is below “C”
- d. a second grade below “C” will result in the student’s dismissal from the program.
- e. Students who fail a course achieving a grade of not less than “C-“ may apply to repeat the course one time only. Repeating the course is subject to space availability.
- f. Students must submit an **“Intent to Return to Surgical Technology Form”** outlining what they thought caused them to be unsuccessful and include a plan for success that demonstrates significant changes in how they will approach the course when repeated.

7. Dress Requirements:

Students must present themselves as professional role models. Students are to travel to and from health agencies in street clothes.

“In Uniform” refers to the standard uniform of KCC Department of Nursing/Surgical Technology Program

1. All students are to change into appropriate scrubs provided by the agencies
2. A knee-length, white lab coat is to be worn when necessary.
3. The KCC patch is to be sewn on the left upper sleeve of the lab coat.
4. Current KCC Student ID card is to be worn at all times.
5. No jewelry other than plain wedding ring.
6. Nails should not extend beyond the fingertips and should be rounded and clean.
7. No nail polish is permissible in the clinical agencies.
8. Hair is to be clean, off the face and above collar line.
9. Subdued makeup.
10. In the clinical setting, all requirements of the AORN for attire must be maintained.

8. Fatigue can certainly impair a health care worker’s ability to provide safe, professional care. Thus KCC’s Nursing Department states: All students need to carefully assess his/her level of fatigue, school requirements in terms of lecture, on-campus labs and clinical experiences and own work schedules. This assessment should carefully consider the potential impact of excessive employment on his/her ability to provide safe, professional care. Each student has an ethical responsibility to ensure that fatigue does not negatively impact student responsibilities.

Learner Objectives	Content/Lecture Discussion
WEEK 1 & 2	
<p>Upon completion of this unit the student shall be able to</p> <ol style="list-style-type: none"> 1. Demonstrate the use of the surgical table and accessories. 2. Demonstrate basic surgical positions and equipment. 3. Demonstrate safe methods of patient transfer techniques. 	<p>Surgical table and equipment</p> <ol style="list-style-type: none"> 1. Surgical Table function 2. stirrups 3. armboards 4. extensions 5. ether screens 6. padding 7. stabilization devices (vacpac) <p>Patient transfer</p> <ol style="list-style-type: none"> 1. assistive devices 2. safety principles
WEEK 3	
<p>Upon completion of this unit the student shall be able to</p> <ol style="list-style-type: none"> 1. Demonstrate the proper handling of specimen including <ol style="list-style-type: none"> a. frozen sections b. permanent sections c. stones d. cystology/washings e. cultures/aerobic and anaerobic f. amputated limbs g. foreign bodies h. legal evidence. 	<p>Types of surgical specimens</p> <p>Handling</p> <ol style="list-style-type: none"> 1. On the surgical field 2. Off the surgical field 3. Surgeon's markers 4. Labeling 5. Requisition and logging 6. Storage <p>Preservation techniques</p> <ol style="list-style-type: none"> 1. formalin 2. safe fix 3. alcohol 4. Genzyme
WEEK 4	
<p>Upon completion of this unit the student shall be able to</p> <ol style="list-style-type: none"> 1. Demonstrate the proper handling of medications on the sterile field. <ol style="list-style-type: none"> a. Identification and labeling b. Aseptic transfer c. One hand recapping 	<p>General definitions and classifications.</p> <p>Drug identification.</p> <p>Toxic doses</p>
WEEK 5, 6 & 7	
<p>Upon completion of this unit the student will be able to</p> <ol style="list-style-type: none"> 1. Discuss the role of the anesthesiologist in the Operating Room 	<p>Immune response and wound healing.</p> <p>Types of anesthesia and administration.</p> <p>Complications of anesthesia.</p>

WEEK 8 & 9	
<p>Upon completion of this unit the student shall be able to</p> <ol style="list-style-type: none"> 1. Discuss the use of temperature monitoring and regulating devices. 2. Identify the use of circulatory assistive devices. 3. Demonstrate methods of hemostasis in the surgical field. 	<p>Temperature control and adjunctive devices Circulatory assistive devices Hemostatic agents. Blood replacement therapies.</p>
WEEK 10	
<p>Upon completion of this unit the student shall be able to</p> <ol style="list-style-type: none"> 1. Identify specialty equipment 2. Identify the uses for specialty equipment. 	
WEEK 11 & 12	
<p>Upon completion of this unit the student shall be able to</p> <ol style="list-style-type: none"> 1. Identify the proper documentation in the patient's chart indicating informed consent. 2. Discuss the role of preoperative diagnostic testing for the surgical patient. 3. Discuss the role of the PACU nurse in the care and discharge of the surgical patient. 4. Discuss the complications of anesthesia that may be seen in the PACU. 	<p>Consent protocol. Site identification and Time out protocols Preoperative Preparation and documentation. Postoperative documentation Discharge planning.</p>