

KINGSBOROUGH COMMUNITY COLLEGE

Of

The City University of New York

Department of Nursing

ST4P – Practicum II

Prerequisites: ST 3, ST3P

Pre/Corequisites: BIO 12

Corequisites: ST 4

Course Syllabus: 2009

Credit Hours: 3

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 skills necessary for participation in basic surgical procedures.

Course Overview: This course will afford the student the opportunity to build on skills learned and actively participate in selected surgical procedures in the basic surgical specialties in the clinical environment. . The student will spend 16 hours each week in the clinical setting participating in basic surgical procedures and demonstrating the development of personal skills.

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

1. Prepare the operating room for general, gastrointestinal, biliary, gynecological, ear, nose & throat, urological, plastic and pediatric surgery.
2. Identify and secure the supplies and equipment needed for procedures in the basic specialties.
3. Set up basic operative procedures in these specialties.
4. Assist with the preoperative preparation as defined by the Surgical Technologist's role; i.e. positioning equipment, skin prep equipment and draping supplies.
5. Participate in the surgical procedures by passing instruments, sutures and supplies to the surgeon and assistants for the basic specialties.

Topical Outline:

1. General Surgery
2. Gastrointestinal Surgery
3. Biliary Surgery
4. Gynecologic and Obstetrical Surgery
5. ENT and Dental Surgery
6. Urologic Surgery

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
AORN Standards, *Recommended Practices and Guidelines*, AORN Publishers, Denver, Colorado, 2008
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, 13th Edition, 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 three (3) case logs.

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

A+	98-100
A	95-97
A-	90-94
B+	88-89
B	85-87
B-	80-84
C+	78-79
C	75-77
C-	70-74
D+	68-69
D	65-67
D-	60-64
F	59 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%

Practical 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.

Learner Objectives	Content/Lecture Discussion
WEEK 1	
<p>At the completion of this unit the student will be able to</p> <ol style="list-style-type: none"> 1. Discuss the anatomy of the general surgical procedures. 2. Identify the appropriate instrumentation for the general surgical procedures. 3. Discuss the proper handling of specimen for breast procedures; needle localization, frozen section. 4. Discuss preparation of vascular access devices for implantation. 	<p>General Surgical Procedures</p> <ol style="list-style-type: none"> 1. hernia procedures 2. breast procedures 3. venous ligation and stripping 4. endoscopy 5. catheter/port implantation
WEEK 2	
<p>At the completion of this unit the student will be able to</p> <ol style="list-style-type: none"> 1. Discuss the anatomy of gastrointestinal procedures. 2. Demonstrate the proper application of GI technique. 3. Demonstrate the proper use of intestinal staplers. 	<p>General Surgical Procedures</p> <ol style="list-style-type: none"> 1. gastrostomy 2. vagotomy 3. pyloroplasty 4. Roux-en-Y jejunostomy 5. colostomy 6. colon resection 7. hemorrhoidectomy 8. pilonidal cystectomy
WEEK 3	
<p>Upon completion of this unit the student will be able to</p> <ol style="list-style-type: none"> 1. Discuss the anatomy of biliary procedures. 2. Demonstrate the use of laparoscopic instrumentation. 3. Demonstrate the use of cholangiogram supplies. 4. Demonstrate the use of liver biopsy needle. 	<p>Biliary Procedures</p> <ol style="list-style-type: none"> 1. cholecystectomy 2. cholangiogram 3. common duct exploration 4. liver biopsy 5. splenic procedures
WEEK 4	
<p>Upon completion of this unit the student will be able to</p> <ol style="list-style-type: none"> 1. Discuss the anatomy of gynecological and obstetric procedures. 2. Demonstrate the use of suction evacuation equipment. 3. Demonstrate the use of uterine manipulators. 	<p>Gynecological and Obstetric Procedures</p> <ol style="list-style-type: none"> 1. D&C 2. bartholin cystectomy 3. hysteroscopy 4. laparoscopy, oophorectomy, salpingectomy 5. myomectomy 6. LAVH 7. cervical cerclage

WEEK 5	
<p>Upon completion of this unit the student will be able to</p> <ol style="list-style-type: none"> 1. Discuss the anatomy of ENT procedures 2. Demonstrate the use of tonsil snares. 3. Demonstrate the proper preparation of a tracheostomy tube. 	<p>Ear, Nose and Throat Procedures</p> <ol style="list-style-type: none"> 1. myringotomy 2. adenoidectomy 3. tonsillectomy 4. nasal polypectomy 5. submucous resection 6. thyroidectomy 7. parathyroidectomy 8. tracheostomy
WEEK 6	
<p>Upon completion of this unit the student will be able to</p> <ol style="list-style-type: none"> 1. Discuss the anatomy of genitourinary procedures. 2. Demonstrate the use of a variety of urinary catheters. 3. Demonstrate the proper assembling of endoscopic urologic equipment. 	<p>Genitourinary procedures</p> <ol style="list-style-type: none"> 1. circumcism 2. orchiopexy 3. orchiectomy 4. hydrocelectomy 5. prostatectomy 6. prostate seeding 7. ureteroscopy 8. cystoscopy 9. ESWL 10. nephrectomy