

University of Pennsylvania
School of Nursing
Course Syllabus
2014

TITLE: N 792 Clinical Fieldwork in Nurse Anesthesia Practice II

COURSE UNITS: 2 cu

CATALOG DESCRIPTION:

This course provides the opportunity for students to integrate theoretical knowledge and research finding into practice within the clinical setting. Students progress by providing anesthesia care for patients with more complex health problems. Techniques for managing the acute pain of clients are emphasized. Anesthetic requirements as dictated by patient assessment including the surgical procedure are studied in greater depth. The student now possesses the ability to combine theories and skills in selected clinical situations. The guidance of CRNA faculty preceptors contributes to the development of the student's critical thinking.

PLACEMENT: Spring/Year I

FACULTY: Angelarosa DiDonato MSN, CCRN, CRNA

SIMULATION FACULTY: Pete Conicelli MSN, CRNA; Russ Lynn CRNA, MSN, APRN; Lori Winner CRNA, MSN; Kelly Wiltse-Nicely PhD, CRNA; Dawn Bent DNP, CRNA; Kim Brandt MPH, MSN, CRNA; Ashley Glor MSN, CRNA

GUEST SPEAKERS: R. Litman MD; N. Elkassabany MD

**PRE-REQUISITES: N 791 Clinical Fieldwork in Nurse Anesthesia Practice I
N 617, N 618, N 681, N 682, N 580**

CO-REQUISITES: None

COURSE OVERVIEW:

This course is designed to provide experience in caring for patients with complex, multi-system problems. Anesthesia experience for selected surgical specialties, introduce the

student to the particular requirements for these specialties. Strategies for managing the acute pain of patient are emphasized. The student grows in the ability to individualize a plan of care specific to the patients' needs and surgical requirements. Seminars further discuss role development of the beginning nurse anesthetist as well as the role of the nurse anesthetist in the interdisciplinary health care team.

COURSE OBJECTIVES:

1. Demonstrate advanced clinical decision-making and develop clinical competency as a beginning nurse anesthetist.
2. Develop and implement plans of care in collaboration with nurse anesthetists, anesthesiologists, nurses, physicians and other members of the interdisciplinary health care team.
3. Analyze and implement ethical and cultural sensitive care of the patient undergoing anesthesia.
4. Demonstrate advanced verbal and written communication skills.
5. Integrate a systems approach to the assessment and plan of care development for the patient undergoing anesthesia services.
6. Analyze the importance of quality improvement and utilize evidence-based guidelines in the management of the patient undergoing anesthesia services.
7. Describe and discuss models of care available to the nurse anesthetist.
8. Analyze cultural competence issues in health systems, organizations and how it relates to nurse anesthesia practice.
9. Examine principles of chemistry and physics that govern the delivery of anesthesia.
10. Synthesize and demonstrate the appropriate measures taken during a perioperative emergency in an organized and accurate manner in the simulation lab.
11. Demonstrate proper technique for central line insertion with the use of simulation technology.
12. Explain the mechanisms of action for each of the adjuvant drugs commonly used to facilitate general anesthesia in the cardiac patient undergoing non cardiac surgery.
13. Review the various types of anesthetics, implications, techniques and complication(s) associated with peripheral nerve block insertion.
14. Identify events that trigger critical incident stress (CIS).
15. Identify risk factors related to addiction and suicide in anesthesia providers.
16. Identify resources available to assist self and others affected by CIS.

TEACHING METHODS:

Supervised clinical practice, faculty conducted clinical rounds, clinical conferences, lecture, seminar discussion and case presentation/journal club presentation.

EVALUATION METHODS:

The clinical fieldwork of this course is dependent upon successful completion of the clinical objectives at a competent level that is necessary to pass the course. Students who do

not successfully complete the clinical fieldwork component of this course will fail the entire course and may not progress in the program.

Clinical Progression

Verbal warning for clinical probation-Grade percentage decreases to B

Written warning for clinical probation-Grade percentage decreases to B-

Clinical Probation for 30d-Grade percentage decreases to C+

Note: Verbal warning, written warning for clinical probation and clinical probation are described in the MSN Nurse Anesthesia Handbook Addendum

Failure to successfully come off probation or recurrence of probation necessitates review from the Progressions Committee.

Exam #1 - 30%

Comprehensive Exam

Exam #2 – 30%

Chemistry and Physics

Simulation/Guest Lecture Quiz- 20%

STAT intubation (2/26)

Pediatric Workshop (2/12)

MH (2/5)

Peripheral Nerve Blocks (2/12)

Manuscript Introduction and Case Report Portion (ONLY) – 10%

Discussion Board 10%

DRUG FREE WORKPLACE:

The abuse of alcohol and other substances among healthcare workers is an unfortunate, but real health problem. Professional nurses who abuse alcohol and/or other drugs endanger their own well-being as well as the health and safety of the consumer.

The ANA Code for Nurses requires the professional nurse to safeguard the client from harm; to assume responsibility and accountability for all of her/his actions; to maintain competency and to participate in the profession's efforts to establish and maintain conditions of employment conducive to the delivery of high quality nursing care. You are held to the standards of this Code for Nurses as a student nurse anesthetist.

Your clinical affiliate site(s) abide by the Drug Free Awareness Act of 1988 that mandates them to have a "drug free workplace". They are committed to maintaining a safe workplace free from influence of drugs or any other controlled substances.

Therefore, your clinical sites endorse a drug-free work place. Please be advised that drug testing for reasonable suspicion may require that a nurse anesthesia student (NAS) to undergo an immediate hair, blood and/or urine drug screen and possibly a physical body examination under any of the following circumstances (but not limited to):

1. When there is reasonable suspicion that the NAS is under the influence of intoxicants, non-prescribed narcotics, hallucinogens, marijuana or other non-prescribed controlled substances.
2. After the occurrence of a work-related injury, illness, or accident while on school/hospital property.
3. Observation of poor judgment or careless acts, which caused or had the potential to cause a threat to patient safety, jeopardized the safety of others, or resulted in damage to equipment.
- 4: If investigation of missing controlled substances points to the particular student as having a high likelihood of being involved.
5. NAS's must report all psychoactive drugs that they are taking by prescription and an evaluation by their prescribing health care provider documenting their assessment that these medications will not impair the psychomotor performance required for safe anesthesia delivery. NAS's who are taking over-the-counter or prescribed medication are responsible for being aware of the effect the medication may have on their academic performance or personal behavior and should report to their program faculty the use of any medication that may impair their performance.

Student Accountabilities and School of Nursing Potential Actions:

1. NAS's who refuse to undergo an immediate drug and alcohol screen will be subject to immediate disciplinary actions, up to and including dismissal from the program.
2. NAS's are held accountable for controlled substances per department policy for controlled substances at all clinical sites. Failure to comply may result in a failure in the coursework and/or dismissal from the program.

DUE DATES FOR EVALUATIONS/CAREPLANS/TYPHON SUMMARY:

January 22, 2014

February 3, 2014

March 3, 2014

April 7, 2014

May 5, 2014

*****An evaluation form for EVERY day in clinical is REQUIRED.**

When you submit your monthly packet, you must also submit a copy of the 6 week schedule that reflects the days you were in clinical. If an evaluation is missing from a CRNA/MDA preceptor, you must submit who you were with on that day and the reason for not having the evaluation.

The evaluation process provides critical feedback. It is a meaningful process that leads to growth and development of the integration of your didactic knowledge into the clinical area.

In accordance to the existing policies and procedures of the Council on Accreditation, the evaluation process as defined by the academic institution must be adhered to by all parties involved. Therefore, it is critical that the program faculty be made aware if the clinical affiliate site is not returning the evaluation tool to the SRNA in a timely manner and/or if the SRNA is not turning in the evaluation tool into the University of Pennsylvania.

REGISTRATION FOR NEXT SEMESTER:

You must register for your summer semester nurse anesthesia classes by last day of the spring semester. Reason being, you are not covered under UPENN's malpractice insurance for clinical unless you are registered for N 793.

Failure to register on time will result in removal from clinical. The day(s) missed as a result of late registration will be made up on the student(s) personal time and/or in the form of an independent student in summer of 2010.

N 792 COURSE REQUIREMENTS:

Immunizations/PPD/RN Licenses/ACLS/BLS/PALS Certification:

Students who are noncompliant with renewal will:

Have their N 792 final grade dropped by one letter grade.

Be removed from clinical on the date of expiration.

The student will not be permitted to return to clinical assignments until proof of renewal or record of immunization is submitted.

The clinical time missed will be required to be made up during the semester missed.

In the event the student does not make up the missed time, the student will be given an incomplete in the N 792 course and required to take an independent study.

You are required to adhere to the policies and procedures of your clinical affiliate site. Failure to do may result in a failure in this course and/or dismissal from the program.

ROTATION EXPECTATIONS:

Students who are rotating to clinical affiliate site outside of their primary clinical site:

- Must schedule a pre and post rotation meeting with the Program Director and/or Associate Program Director.
- This meeting must take place no later than 2 weeks prior to rotating out and no later than 2 weeks post rotation.
- A post rotation evaluation form must be submitted to the Program Director at the post rotation meeting.

GRADING POLICY:

The University grading policy will be used during this course. **Attendance in class is expected and essential for the acquisition of knowledge and integration into the profession of Nurse Anesthesia. Therefore, students having 2 or more unexcused absences during the semester will have their grade reduced by one letter grade (i.e. a B+ becomes a C+). Four or greater unexcused absences will result in the final grade being reduced by two letter grades.**

A grade ending in 0.5 or above will be rounded up to the next whole number.

The University's Academic Integrity Policy will be enforced during this course. Any student found responsible for cheating or violation of this policy during this course will receive a failure for the course.

Code of Academic Integrity

Since the University is an academic community, its fundamental purpose is the pursuit of knowledge. Essential to the success of this educational mission is a commitment to the principles of academic integrity. Every member of the University community is responsible for upholding the highest standards of honesty at all times. Students, as members of the community, are also responsible for adhering to the principles and spirit of the following Code of Academic Integrity.

Academic Dishonesty Definitions

Activities that have the effect or intention of interfering with education, pursuit of knowledge, or fair evaluation of a student's performance are prohibited. Examples of such activities include but are not limited to the following definitions:

- A. Cheating: using or attempting to use unauthorized assistance, material, or study aids in examinations or other academic work or preventing, or attempting to prevent, another from using authorized assistance, material, or study aids. Example: using a cheat sheet in a quiz or exam, altering a graded exam and resubmitting it for a better grade, etc.
- B. Plagiarism: using the ideas, data, or language of another without specific or proper acknowledgment. Example: copying another person's paper, article, or computer work and submitting it for an assignment, cloning someone else's ideas without attribution, failing to use quotation marks where appropriate, etc.
- C. Fabrication: submitting contrived or altered information in any academic exercise. Example: making up data for an experiment, fudging data, citing nonexistent articles, contriving sources, etc.
- D. Multiple submission: submitting, without prior permission, any work submitted to fulfill another academic requirement.
- E. Misrepresentation of academic records: misrepresenting or tampering with or attempting to tamper with any portion of a student's transcripts or academic record, either before

or after coming to the University of Pennsylvania. Example: forging a change of grade slip, tampering with computer records, falsifying academic information on one's resume, etc.

F. Facilitating academic dishonesty: knowingly helping or attempting to help another violate any provision of the Code. Example: working together on a take-home exam, etc.

G. Unfair advantage: attempting to gain unauthorized advantage over fellow students in an academic exercise. Example: gaining or providing unauthorized access to examination materials, obstructing or interfering with another student's efforts in an academic exercise, lying about a need for an extension for an exam or paper, continuing to write even when time is up during an exam, destroying or keeping library materials for one's own use., etc.

* If a student is unsure whether his action(s) constitute a violation of the Code of Academic Integrity, then it is that student's responsibility to consult with the instructor to clarify any ambiguities.

(Source: Office of Provost, 1996)

REQUIRED TEXTS:

Barash, P.G., Cullen, B.F., Stoelting, R.K. (2013) Clinical Anesthesia 7th Edition

Nagelhout, J.J., Plaus, K.L. (2014) Nurse Anesthesia 5th Edition

REQUIRED READINGS: Posted on Canvas

N 792 2014 WEDNESDAY 9a-4pm

WEEKLY TOPICAL OUTLINE:

Date/Time	Topic	Objective	Readings
Week 1 1/22/14	9-12p Intro to 792 Cardiac Content 1-4pm Cardiac Content	1,2,10-12	Posted on Canvas
Week 2 1/29/14	9-12pm Cardiac Content 1-4pm Cardiac Content	1,2,10-12	Posted on Canvas
Week 3 2/5/14	9-12pm Malignant Hyperthermia quiz (Dr. Ron Litman confirmed) 1-4pm Cardiac Exam	1-8, 10	Nagelhout 829-833 Barash 622-624
Week 4 2/12/14	8-12pm Simulation Pediatric Boot Camp	1-8, 10	Posted on Canvas

	quiz 1-4pm Peripheral Nerve Blocks Dr. Elkassabany	1,2,5-7,13	Barash 937-992 Nagelhout 1251-1252
Week 5 2/19/14	9-11am FCCC Orientation DuPont Orientation for rotation 2/24-5/23 1-4pm Comp Exam Discussion board assignment	14-16	Posted on Canvas
Week 6 2/26/14	8am-4pm Simulation Stat Intubation quiz Manuscript submission due	1-8, 10 1-8	Posted on Canvas

TOTAL NUMBER OF THEORY HOURS: 45
TOTAL NUMBER OF CLINICAL HOURS: 420