

Oakland University School of Nursing

Nurse Anesthesia Clinical Internship II

**NRS 7635 (617)
CRN #10426**

Faculty:

**Linda McDonald, DNAP, CRNA
Lecturer**

Winter 2018

COURSE NUMBER: NRS 7635 (617) - CRN #10426

CREDIT & HOUR ALLOCATION:	<u>Credits</u>	<u>Hrs/Wks</u>	<u>Total Hours Semester</u>
	<u>1</u>	<u>1 x 14</u>	<u>14</u>

COURSE TITLE: Nurse Anesthesia Clinical Internship II

CLASS TIME & LOCATION: January 3, 2018 – April 25, 2018
Monday, Thursday, Friday, 7:00 am – 3:30 pm
Beaumont Hospital

FACULTY OF RECORD: Linda McDonald, DrAP, CRNA
Lecturer
Office Hours: By appointment only
Email: lamcdonald@oakland.edu

PREREQUISITES and/or CO-REQUISITES

Prerequisites: NRS 7625 (607)
Co-requisites: NRS 7471 (615)

COURSE OVERVIEW

Clinical focus emphasizes patient safety, monitoring during anesthesia administration. Students will participate in perioperative care for a wide variety of patients undergoing local, regional or general anesthesia. Simulation experiences will coincide with classroom instruction.

COURSE OBJECTIVES

In addition to objectives from previous Clinical Internships, the student will meet the Clinical Internship II objectives.

1. Incorporate concepts and theories from nursing and related disciplines into advanced nursing practice.
2. Exercise clinical judgment in the provision of advanced nursing care to vulnerable populations with complex health problems in a variety of settings in accordance with the ANA Standards of Care and the AANA Standards for Nurse Anesthesia Practice.
3. Exemplify in practice the ANA Standards of Professional Performance.
4. Demonstrate appropriate public presentation techniques with the ability to generate discussion regarding current journal articles and concepts in anesthesia.

TECHNICAL REQUIREMENTS

All e-Learning courses at Oakland University are delivered using a learning management system called Moodle that allows instructors to design entire courses online or to enhance a classroom-based course. The Moodle software resides on a server allowing students to access it via a web browser, e.g. Mozilla, Firefox. Each course is uniquely designed by the instructor who may include some of the following components in his/her web-based or web enhanced course: course syllabus, course material/content, course assignments, quizzes/tests, hyperlinks to other websites on the Internet and/or other OU web pages, discussion boards, Internal email, and the course grade book.

Logging into Moodle

Students login to Moodle with their NetID (oakland.edu email) account password. Please remember that anytime you change your NetID password, it will be reflected in your Moodle login.

- Open the Moodle Login page: <https://moodle.oakland.edu>
- Log-in using the first part of your NetID username and password, e.g. if your email is jwilson3@oakland.edu then:
 - Username: jwilson3
 - Password: whatever your Oakland University email password is

If you have any problems/issues with Moodle, you need to contact or fill out a help desk request form for e-Learning and Instructional Support.

To view course materials in MOODLE you will need the latest version of Adobe Reader that can be downloaded free of charge at www.adobe.com

SAFETY GUIDELINES FOR CLINICAL EXPERIENCES

These guidelines have been developed for the safety of clients and students:

1. Maintain car in good condition.
2. Carry and learn to use a map and/or street guide.
3. Know the location of gas stations within the agency's neighborhood.
4. Highly recommend having cellular phone – can be rented for semester..
5. Review directions on map and with client prior to leaving agency for first visit in new area.
6. Cancel visits if you have any suspicions that community site is unsafe. Call instructor and client if appropriate to confirm and return to agency.
7. Carry change and phone numbers to call the agency and/or faculty member in case of difficulty.

8. Keep car doors locked at all times.
9. Purses should be left in a safe place or preferably not carried at all during clinical rotations.
10. All field visits or other learning activities are to be scheduled during designated days and hours unless approved by the clinical instructor in advance.
11. A visible Oakland University name badge is to be worn at all times by each student.
12. Any concerns that the student has about safety, security or client assignment should be discussed with the faculty member.
13. At no time shall a student transport clients and/or family members.
14. All absences and/or anticipated tardiness are to be reported to the clinical faculty personally in a timely manner.
15. Clothing accessories (e.g., ties), jewelry (earrings) etc. should not be of the type that can be utilized by clients to cause injury to the client or student.
16. When making home visits or visiting alternate agencies, leave schedule with instructor and agency including address, phone number and time of visits. Notify instructor of any change in schedule.

CONTACT INFORMATION

Linda McDonald, DrAP, CRNA 248-898-1812; cell phone 248-408-2016

GRADING

The course is graded as Satisfactory (S) or Unsatisfactory (U).

In courses graded satisfactory/unsatisfactory (S/U), students are expected to earn a course grade of satisfactory. Students who are not making satisfactory progress in the program may be placed on probation with conditions imposed for retention in the program or may be recommended for dismissal from the program.

EVALUATION

Students are evaluated daily by CRNA/MDA clinical instructors using the written evaluation tool for Clinical Internship I-II. At the end of the semester, students will complete a self-evaluation and receive an overall end of semester evaluation (summative) completed by faculty in collaboration with your CRNA preceptor. The daily evaluation tool's objectives are based on the ANA Standards of Practice, the AANA Standards for Nurse Anesthesia Practice and the AACN Masters Essentials. Come to clinical prepared to meet the following objectives:

NRS 617: Clinical Internship II Objectives

During Clinical internships III, the APN will attain the following:

I. Assessment & Diagnosis: Collects comprehensive data pertinent to the patient's health &/or situation & analyzes this data to determine the diagnosis. (ANA Standards 1 & 2, AANA Standard I)

- A. Performs health history, physical, & psychosocial assessment
 - 1) Generates thorough health history utilizing proper interview techniques & chart review.
 - 2) Utilizes principles of physical assessment when examining major organ systems.
 - 3) Assesses the effect of interactions among individuals, family, community, & social systems on health & illness.
- B. Initiates & interprets diagnostic testing
 - 1) With guidance, utilizes assessment data & is able to initiate relevant lab work & specialty consultations.
 - 2) Identifies normal & abnormal variations in regard to diagnostic testing.
- C. Prioritizes data collection based on patient's current needs
 - 1) Identifies relevance of assessment data & diagnostic testing.
 - 2) With guidance, prioritizes relevance of assessment data & diagnostic testing.
- D. Derives appropriate diagnosis from assessment data
 - 1) Identifies appropriate physical status using the American Society of Anesthesiologists Physical Status Classification System (ASA Status).
 - 2) With guidance, incorporates assessment & diagnostic data along with hemodynamic parameters into diagnosis.

II. Outcomes Identification: Obtains informed consent for the planned anesthetic intervention & identifies expected outcomes individualized to the patient. (ANA Standard 3, AANA Standard II)

- A. Educates patient & obtains informed consent
 - 1) With guidance, discusses anesthetic plan and risks in language the patient &/or legal guardian can understand.
- B. Obtains informed consent
 - 1) Verifies that informed consent has been obtained from qualified provider.
 - 2) Identifies medical-legal issues involved in obtaining informed consent.
 - 3) Documents that informed consent has been obtained.
- C. Identifies expected outcomes incorporating evidenced based practice
 - 1) Verbalizes expected outcomes based on current recommendations for practice found in literature.

III. Planning: Formulates a patient-specific plan & alternatives to that plan to attain expected outcomes. (ANA Standards 4 & 9, AANA Standard for Nurse Anesthesia Practice III & VIII)

- A. Formulates patient specific verbal & written anesthetic plan of care
 - 1) Utilizing assessment data & planned procedure, writes patient specific care plan including assessment & diagnostic strategies, & therapeutic interventions reflecting current evidence.
 - 2) Communicates plan of care with instructors & with guidance, other members of the health care team.

- B. Selects appropriate equipment, medication, & monitoring modalities
 - 1) Identifies location & function of specific equipment/supplies.
 - 2) Describes advantages/disadvantages of different anesthetic techniques.
 - 3) Describes mechanism of action of different anesthetic therapies.
 - 4) With guidance, utilizes assessment data to determine the type of monitoring devices, equipment, & anesthetic interventions planned.
- C. Performs and documents appropriate safety checks
 - 1) Inspects anesthesia machine & monitors according to established guidelines, including readiness, availability, cleanliness, & working condition of all equipment.
 - 2) Inspects integrity of breathing system & ensures device capable of detecting disconnection with audible alarm is intact.
 - 3) Ensures functionality of oxygen analyzer & confirms audible alarm is intact.
 - 4) Ensures safety measures taken to minimize risk of fire, explosion, electrical shock, & equipment malfunction.
 - 5) With assistance, identifies & troubleshoots problems with anesthesia equipment.
 - 6) Documents safety checks on anesthetic record.
 - 7) Labels medications properly and secures in appropriate location.

IV. Implementation: Implements the identified plan (ANA Standard 5 & 16, AANA Standard IV, V, VI, VII, & IX)

- A. Performs appropriate induction sequence
 - 1) Applies monitoring prior to the start of anesthesia.
 - 2) Pre-oxygenates appropriately.
 - 3) Selects & administers appropriate medication & dosage.
- B. Performs appropriate airway management
 - 1) Demonstrates proper ventilation techniques.
 - 2) Secures airway with LMA or tracheal intubation utilizing basic techniques.
 - 3) Verifies intubation
- C. Positions patient for optimal patient safety, comfort, & surgical exposure
 - 1) Identifies correct patient position for procedure.
 - 2) Recognizes potential complications of various patient positioning.
 - 3) Assesses patient positioning throughout procedure & with assistance makes appropriate interventions.
 - 4) Verifies correct endotracheal tube placement after position changes.
- D. Adjusts anesthetic plan based on patient's physiologic response
 - 1) Continuously assesses the patient's response to the anesthetic/surgical intervention & with assistance, intervenes as required to maintain patient in satisfactory physiologic condition.
 - 2) Determines intraoperative fluid replacement based on patient factors & surgical procedure.
 - 3) Monitors and calculates blood loss & with assistance, implements appropriate therapies.
- E. Manages invasive procedures with skill
 - 1) Successfully insert IV catheters.
 - 2) With guidance, incorporates anatomy & theory to insert arterial lines.
- F. Tailors patient monitoring in accordance with patient needs

- 1) Monitors continuously: ventilation, oxygenation, cardiovascular status, and when indicated temperature & neuromuscular function.
- 2) Remains in constant attendance of the patient.
- G. Completes accurate & timely documentation
 - 1) Documents all anesthetic interventions & patient responses.
- H. Manages emergence
 - 1) Verbalizes extubation criteria based on patient history, surgical procedure, & anesthetic interventions.
 - 2) With guidance, determines patient's readiness for extubation.
- I. Assures patient safety while transferring responsibility of care
 - 1) With guidance, determines safe timing for transfer of responsibility of care to other qualified provider.
 - 2) With guidance, accurately reports patient's condition & all relevant information to the provider who is assuming responsibility for patient.
- J. Collaborates with other health care professionals to provide optimal care
 - 1) With guidance, communicates change in patient's status to appropriate person(s) in timely manner & collaborates with surgeons regarding anesthesia care.
- K. Utilizes universal precautions
 - 1) Demonstrates the application of universal precautions in the perioperative setting.
- L. Protects patient from iatrogenic complications & nosocomial infections.
 - 1) Protects patient from identifiable risks.
 - 2) Identifies and implements appropriate nausea/vomiting prophylaxis.
 - 3) Minimizes risk of infection to the patient.
- M. Adheres to safety precautions as established by the institution
 - 1) Adheres to policies for safety precautions as written by institution.
- N. Practices standards that promote environmental health
 - 1) Implements precautions to secure anesthetic drugs when not in supervision of agents.
 - 2) Implements necessary measures to ensure scavenging system functioning correctly.
 - 3) Protects patients from radiation/laser exposure.
- V. Evaluation: Evaluates progress toward attainment of expected outcomes & assesses their anesthesia care to assure quality & contribution to positive patient outcomes. (ANA Standard 6 &14, AANA Standard X)**
 - A. Evaluates effectiveness of interventions
 - 1) With guidance, reviews & evaluates quality and appropriateness of anesthesia care.
 - B. Completes post-operative evaluations on patients
 - 1) Using assessment techniques performs postoperative evaluation on all patients cared for.
 - 2) Documentation is timely & accurate.
 - 3) Relays outcomes to appropriate providers.
 - C. Participates in the continuous quality improvement process
 - 1) Verbalizes an understanding of the continuous quality improvement process.
 - 2) Recognizes post-anesthetic complications & notifies appropriate personnel for follow up.
 - 3) Participates in continual process of self-evaluation & strives to incorporate new techniques into practice.

VI. Standards of Professional Performance: Practices ethically, attains knowledge & competence that reflects current practice, contributes to quality practice, communicates effectively, demonstrates leadership in the professional practice setting and the profession, collaborates with the patient and family, & utilizes appropriate resources to provide care. (ANA Standard 7 & 8, AANA Standard X)

- A. Respects & maintains basic rights of patients
 - 1) Preserves the patient's rights to privacy, confidentiality, & autonomy.
 - 2) Demonstrates integrity, compassion, & competence.
 - 3) Delivers culturally competent care throughout the anesthesia course.
- B. Collaborates with members of the interprofessional team.
 - 1) Participates in pre & post procedure briefing.
 - 2) Treats health care team with respect & dignity, seeking continuous improvement in communication & conflict resolution skills.
 - 3) With guidance, provides direction to enhance effectiveness of health care team.
- C. Seeks learning experiences to develop clinical knowledge
 - 1) Identifies individual strengths & areas for improvement.
 - 2) Utilizes feedback from clinical instructors & devises a plan for improving performance.
 - 3) Attends and participates in morbidity & mortality conferences, departmental educational meetings, & morning report.
 - 4) Seeks opportunities to develop clinical skills
- D. Seeks feedback regarding practice from HCT members
 - 1) Maintains communication with other providers to minimize risks & improve outcomes in care delivery.
 - 2) Engages in formal process seeking feedback regarding his/her own practice.
- E. Mentors peers in acquisition of clinical knowledge & skills
- F. Models expert practice to interprofessional team
- G. Utilizes appropriate resources with regard to safety & cost effectiveness
 - 1) Selects interventions that are appropriate & financially responsible.

ADDITIONAL COURSE REQUIREMENTS

In order to earn a Satisfactory grade (S) for this course, the following objectives must be met:

1. Meet all previous clinical internship objectives and the clinical performance objectives outlined for Clinical Internship II (see student handbook).
2. Analyze and present journal articles
3. Evaluate articles presented by peers in journal club
4. Prepare thorough responses based on best evidence, current literature and texts for problem based learning activities.\
5. Prepare for simulation lab learning activities
6. Attend and participate in morbidity and mortality and guest lecture conferences when scheduled in class or clinical at Beaumont, Royal Oak.
7. Read and prepare for clinical daily
8. Prepare thorough care plans based on best evidence, current literature and texts
9. Complete accurate and thorough postoperative rounds/report to the Continuous Quality Improvement CRNA.

REFER TO STUDENT HANDBOOK FOR ADDITIONAL INFORMATION
REGARDING:

Grading of clinical

The evaluation process

Care plan requirements

Counting cases

Time commitment

Clinical internship guidelines