ANESTHESIA PRACTICUM II
NUR 886; Section 001; 2 Credits
Monday, 7:00 am – 3:30 pm – Clinical
A107 Life Sciences Building
Fall 2015

Catalog Course Description: Integration of knowledge, skills and program objectives to a broader array of patients in simulated and clinical patient environments.

Additional Course Description: NUR 886 – Clinical opportunity for intermediate student nurse anesthetists to incorporate and integrate knowledge, skills and objectives to a more comprehensive range of patients in a simulated or clinical patient environment.

Course Objectives: At the end of this course, students will:

1. Describe the organization and proper approach to administer anesthesia to a variety of patients
2. Describe and explain responsibly for the delivery of anesthesia for more challenging surgical procedures
3. Safely administer anesthesia during regular and off-shift assignments for planned and emergency procedures

Prerequisites: NUR 885

Co-requisites: None.

Professional Standards & Guidelines: The curriculum is guided by the following documents:


Clinical Faculty: Henry Talley, PhD, CRNA, MSN, MS, BA

Contact Information:
Office: A119 Life Sciences Building
Office Phone: 517-432-0472
E-mail: henry.talley@hc.msu.edu

Office Hours: M – F: 10:00 a.m. to 3:00 p.m.
Note: Times will try to be arranged to accommodate student schedules.

Instruction:

a. Methodology

The NUR 886 Anesthesia Practicum II course is designed to expand on the student’s knowledge obtained during the previous semesters. The course is taught, integrating simulated and in hospital clinical practicum experiences to allow the student to integrate advanced physiologic and advanced nursing knowledge, technical skills and critical thinking into their daily practice.

b. Required Texts:


c. Required Resources, References, Supplies: Precordial stethoscope, calculator

Evaluation:

a. Learning Assessments and Grading:

All clinical practicum courses are sequential, progressively more demanding, and will require satisfactory completion of the competency objectives to progress to subsequent practica. Punctual attendance is expected at all scheduled clinical practica and other scheduled clinical activities as may be announced. Evaluation is done via weekly clinical evaluations and discussions with the supervising CRNA or anesthesiologist. This course is graded on a Satisfactory or Unsatisfactory system. Students are responsible for knowing their daily assignments, equipment setup, pre- and post-anesthesia patient evaluations, the anesthesia management plan, and for following directions of the CRNA or Anesthesiologist preceptor. Active participation is expected and students are responsible for obtaining and maintaining accurate daily clinical performance and case count records.

b. Course Grading Scale: Pass/No Pass
**Turnitin Statement:** Consistent with MSU’s efforts to enhance student learning, foster honesty, and maintain integrity in our academic processes, instructors may use a tool called Turnitin to compare a student’s work with multiple sources. The tool compares each student’s work with an extensive database of prior publications and papers, providing links to possible matches and a “similarity score.” The tool does not determine whether plagiarism has occurred or not. Instead, the instructor must make a complete assessment and judge the originality of the student’s work. All submissions to this course may be checked using this tool.

Students should submit papers to Turnitin Dropboxes without identifying information included in the paper (e.g. name or student number), the system will automatically show this info to faculty in your course when viewing the submission, but the information will not be retained by Turnitin.

Specific directions for a use of the Turnitin product in the course are provided in assignment directions.

**HIPAA and Federal Compliance Guidelines are to be followed at all times.**
- All patient identifying information must be blocked out in black prior to copying or distributing to faculty or classmates
- All information copied from the clinical site must be shredded by the student after use and prior to completion of the program
- Instead of copying patient information from the chart, it is expected that the student will transcribe pertinent information from the medical records and include it in the management plan documentation
- No information about patients should be shared outside of the educational experience

**Professionalism:**

All graduate students at Michigan State University should be fully familiar with the Graduate Student Rights and Responsibilities Articles (published by the Graduate School; available at [http://www.vps.msu.edu/SpLife/gradrights.htm](http://www.vps.msu.edu/SpLife/gradrights.htm)); University guidelines for ethical research - published by the University Committee on Research Involving Human Subjects [UCRIHS]; available at [http://www.msu.edu/user/ucrihs/](http://www.msu.edu/user/ucrihs/); The MSU Guidelines for Integrity in Research and Creative Activities, [http://grad.msu.edu/all/ris04activities.pdf](http://grad.msu.edu/all/ris04activities.pdf) and specific principles for informal conflict management, in the Graduate Student Resource Guide (published by the Graduate School; available at [http://grad.msu.edu/conflict.htm](http://grad.msu.edu/conflict.htm)).

The Graduate Student Rights and Responsibilities (GSRR) Articles address professional standards for graduate students as follows: “Each department/school and college shall communicate to graduate students, at the time of their enrollment in a degree program or course in the unit, any specific codes of professional and academic standards covering the conduct expected of them.” (Article 2.4.7). “The graduate student shares with the faculty the responsibility for maintaining the integrity of scholarship, grades, and professional standards” (Article 2.3.8).

In addition to meeting academic standards included in the Academic Progression Guidelines, students and faculty in the PhD Nursing Programs have shared responsibility for adherence to the professional standards presented in the CON Doctoral Student Handbook.

Professional expectations are rooted in the maintenance of high quality working relationships with faculty, peers, research participants, staff, and all others with whom the graduate student
interacts. Aspects of high quality working relationships that are addressed in the GSSR as shared faculty-student responsibilities include: mutual respect, understanding, and dedication to the education process (2.1.2); maintenance of a collegial atmosphere (2.3.7); and mutual trust and civility (2.3.1.2).

University & College Policies:

The College of Nursing expects that students will demonstrate professional behavior in all situations. Specific expectations for clinical and other professional venues can be found in the appropriate handbook. You are responsible for reviewing and acting in accordance with the policies and procedures found in the following sources, including the following topics: Professionalism, Academic Integrity, Accommodations for Students with Disabilities, Disruptive Behavior, Attendance, Compliance, and Progression.

- CON MSN Student Handbook
  http://nursing.msu.edu/MSN%20Programs/Handbooks/default.htm
- Information for MSU Students: http://www.msu.edu/current/index.html
- Academic Programs: http://www.reg.msu.edu/AcademicPrograms
- Code of Teaching Responsibility and Student Assessments and Final Grades: http://www.reg.msu.edu/AcademicPrograms/Print.asp?Section=514
- Integrity of Scholarship and Grades: http://www.reg.msu.edu/AcademicPrograms/Print.asp?Section=534

University Policies:

Academic integrity: Article 2.3.3 of the Academic Freedom Report states that "The student shares with the faculty the responsibility for maintaining the integrity of scholarship, grades, and professional standards." In addition, the College adheres to the policies on academic honesty as specified in General Student Regulations 1.0, Protection of Scholarship and Grades; the all-University Policy on Integrity of Scholarship and Grades; and Ordinance 17.00, Examinations (See Spartan Life: Student Handbook and Resource Guide http://splife.studentlife.msu.edu/ and/or the MSU Web site: www.msu.edu). Therefore, unless authorized by your instructor, you are expected to complete all course assignments, including homework, lab work, quizzes, tests and exams, without assistance from any source. You are expected to develop original work for this course; therefore, you may not submit course work you completed for another course to satisfy the requirements for this course. Also, you are not authorized to use the www.allmsu.com Web site to complete any course work. Students who violate MSU rules may receive a penalty grade, including--but not limited to--a failing grade on the assignment or in the course. Contact your instructor if you are unsure about the appropriateness of your course work. (See also https://www.msu.edu/unit/ombud/academic-integrity/index.html#regulations

Accommodations for students with disabilities: Students with disabilities should contact the Resource Center for Persons with Disabilities to establish reasonable accommodations. For an
appointment with a disability specialist, call 353-9642 (voice), 355-1293 (TTY), or visit MyProfile.rcpd.msu.edu.

Attendance: Students whose names do not appear on the official class list for this course may not attend this class. Students who fail to attend the first four class sessions or class by the fifth day of the semester, whichever occurs first, may be dropped from the course. See the Ombudsman’s web site for a discussion of student observance of major religious holidays, student-athlete participation in athletic competition, student participation in university-approved field trips, medical excuses and a dean's drop for students who fail to attend class sessions at the beginning of the semester.

College of Nursing Policies: Professional Development Guidelines found in CON Student Handbooks at CON website http://nursing.msu.edu/MSN%20Programs/Handbooks/default.htm. Students are responsible for the information found in the CON (BSN, MSN, DNP, or PhD - choose one) Student Handbook.
### Criteria for Evaluation

#### Assessment and Patient Preparation

1. Generate a preanesthesia assessment utilizing proper interview techniques and principles of physical assessment.
2. Assign the appropriate physical status using the American Society of Anesthesiologists Classification.
3. Formulate a patient-specific plan for all inpatients and procedure specific plan for all outpatients.
4. Integrate knowledge of physiology, pathophysiology, pharmacology, patient history, psychosocial needs and surgical procedure when preparing the plan.
5. Discuss anesthesia plan and communicate pertinent information to instructor.

#### Room Preparation

1. Perform and document a complete machine check and report problems to the assigned instructor.
2. Assemble basic anesthesia set-up appropriately, including specific accessory equipment.
3. Prepare adjunct drugs and proper labeling required for the procedure.

#### Patient Management

1. Prepare patient for induction in a reasonable length of time.
2. Demonstrate the ability to smoothly induce, maintain and emerge patients for standard induction.
3. Administer appropriate pharmacologic agents to patients undergoing procedure under general, regional or MAC anesthesia.
4. Utilize correct techniques when performing oral and nasal intubations and verify proper placement of endotracheal tube.
5. Utilize advanced monitoring modalities and specialized equipment.
6. Administer regional anesthesia with assistance using safe techniques.
7. Insert arterial and central lines with assistance.
8. Assist with positioning of patients to assure optimal physiological function and patient safety.
9. Administer appropriate pharmacological agents to patients undergoing procedures under general, regional or MAC anesthesia.
10. Assess the adequacy of regional anesthesia in relation to the surgical procedure (i.e., dermatome level, sensory blockade, etc.).
11. Demonstrate proper use of laboratory devices, i.e. glucometer, hemoglobin, blood gas analyzers.
14. Demonstrate judgment in planning a smooth, safe emergence from anesthesia.
15. Evaluate level of consciousness, return of muscle strength, extubation criteria, patency of airway and need of airway support.
16. Safely transport patient to recovery room or critical care unit.

#### Technical Skills

1. Demonstrate proper techniques of airway management, intubation, mask or LMA.
2. Demonstrate proper technique for regional blocks.

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Criteria for Evaluation (continued from previous page)
## Knowledge Application

1. Utilize data from preanesthesia evaluation to determine the type and position of basic monitoring devices and locations of I.V. catheters indicated for various anesthesia and surgical procedures.
2. Distinguish various ETCO₂ waveforms and implication.
3. Demonstrate proper use of laboratory devices (glucometer, hemoglobin, blood gas).
4. Incorporate knowledge of anatomy when identifying landmarks necessary for administration of regional anesthesia.

## Professional Conduct

*1. Prompt, complete and accurate documentation of pertinent information.
2. Complete other documents as per anesthesia department policy.
3. Demonstrate reliability and punctuality in clinical assignments and relief time.
4. Maintain a pleasant and cooperative attitude.
5. Effectively communicate and interact with other members of health care team.
6. Assume responsibility for evaluations.

* = Critical element for this phase and essential for advancement to next level