

**GANNON UNIVERSITY
MOROSKY COLLEGE OF HEALTH PROFESSIONS AND SCIENCES
VILLA MARIA SCHOOL OF NURSING**

<u>COURSE #:</u>	GNURS725-AA
<u>COURSE TITLE:</u>	Advance Nursing Anesthesia II
<u>PREREQUISITES:</u>	Advance Nursing Anesthesia I
<u>INSTRUCTOR:</u>	C Kent Persinger, CRNA
<u>CREDITS:</u>	3
<u>OFFERED:</u>	Spring Semester

COURSE DESCRIPTION:

This course provides guided individual and group study to assist the student in conceptualization, analysis and evaluation of various nurse anesthesia strategies as they relate to the art and science of advanced principles of Anesthesia. It provides an opportunity for a group application of didactic materials to clinical practice. Presentations will be presented by the student.

The outcomes in this course are in direct accord with the philosophy of the Department of Nursing and the mission of Gannon University. Graduate level courses build on the premise of a strong liberal arts base. Program outcomes assess performance with an understanding that knowledge and value outcomes are inherent in these performance outcomes.

COURSE OBJECTIVES:

By the end of this course the student:

1. Develops a care plan for the obese patient and the patient with a metabolic disorder or liver disease.
2. Describes the anesthetic techniques and procedures as they relate to otorhinolaryngologic surgery.
3. Recognizes possible airway management problems associated with otorhinolaryngologic surgery.
4. Discuss the Legal Aspects as they relate to the practice of nurse anesthesia.
5. Describe anesthesia management of the Burn patient.
6. Discuss the anesthesia management and pathophysiology of patient with uncommon disease.
7. Discuss the anesthetic management and pathophysiology of the cancer patient
8. Describe the anatomy, physiology, pharmacology and anesthetic management of the patient undergoing a surgical procedure of the eye
9. Discuss chronic pain management
10. Describe the anesthetic management for patients undergoing Diagnostic and therapeutic procedures
11. Discuss the anatomy, physiology, pathophysiology of the patient undergoing a neuroskeletal procedure

METHODS OF INSTRUCTION:

Lecture, faculty-student discussion, demonstration, audiovisual,

METHODS OF EVALUATION:

Case Presentation – 100 points **(25% of grade)**

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|-------------------------------|-------------------------------------|
| - Presentation (25 points) | - Anesthetic Management (15 points) |
| - Pharmacology (15 points) | - A & P (15 points) |
| - Pathophysiology (15 points) | - Questions (15 points) |

Comprehensive Quizzes **(25% of grade)**

Comprehensive Final **(50% of grade)**

Each presentation will include five multiple choice questions – one question being a case presentation.

GRADING SYSTEM:

97 – 100	A+
92 – 96	A
89 – 91	A-
85 – 88	B+
82 – 84	B
79 – 81	B-
75 – 78	C+
70 – 74	C
< 70	F

TESTING POLICY:

1. Each student is expected to be present and on time for quizzes and examinations.
2. If for some extenuating reason or situation the student is unable to take the quiz or examination they must notify the instructor A.S.A.P. of the absence (contact the school office ext. 2938 or ext. 2080)
3. If applicable the quiz or examination must be made up and taken the day the student returns, at a time designated by the instructor.
4. If the quiz or exam is not made up within the allotted time, the student will receive a grade of “0” for that quiz or exam.
5. No one will be allowed to leave the quiz or exam once it has begun. The student may leave once their examination has been completed and turned in.

TEXTS:

Nagelhout, J. and Zaglaniczny, K. (2002) Nurse Anesthesia, 2nd. Ed., W. B. Saunders Co.

TOPICAL OUTLINE:

		<u>Instructor</u>	
Session 1	1/9 Legal Aspects	Anderson	
Session 2	1/23 Legal Aspects	Anderson	Ms. Deniso
Session 3	1/30 Chronic Pain Management Quiz 1	Persinger	Mr. Carter/Mr. Gippin
Session 4	2/6 Anesthesia for Obese Patient	Persinger	Mr. Black
Session 5	2/13 Anesthesia for Obese Patient	Persinger	Ms. Wardsworth
Session 6	2/20 Anesthesia for Burn Patient / Thermal Injuries Quiz 2	Persinger	Mr. Metzenbacher Mr. Orwin
Session 7	2/27 Ophthalmic Anesthesia	Persinger	Ms. Pavlich/Ms. Myers
Session 8	3/6 Anesthesia for Oropharyngeal Surgery	Persinger	Mr. Johnson/Mr. Neary
Session 9	3/13 Anesthesia for Neck Surgery Quiz 3	Persinger	Ms. Drayer/Mr. Elton
Session 10	3/20 Organ Transplantation and Harvest	Persinger	Mr. McMichael/Mr. Serna
Session 11	3/27 Anesthesia for Uncommon Disorders	Persinger	Mr. Pittner
Session 12	4/3 Anesthesia for Uncommon Disorders Quiz 4	Persinger	Ms. Kennedy
Session 13	4/10 The Cancer Patient and Anesthesia	Persinger	Ms. Friedman/Ms. Kigotho
Session 14	4/17 Anesthesia for Therapeutic and Diagnostic Procedures Quiz 5	Persinger	Ms. Cauley/Mr. Cyr
Session 15	4/24 Anesthesia for Patient with	Persinger	Mr. Snedaker

Neuroskeletal Disease

Session 16

5/1

Final Examination

Persinger

NOTE Each presentation must include ANATOMY AND PHYSIOLOGY, PATHOPHYSIOLOGY, PHARMACOLOGY, ANESTHETIC TECHNIQUE AND MANAGEMENT, AND MANAGEMENT OF COMPLICATIONS. **POWER POINTS MUST BE PRESENTED TO THE INSTRUCTOR AND PHYLLIS FIVE DAYS PRIOR TO YOUR PRESENTATION. FAILURE TO DO SO WILL RESULT IN A 15 POINT REDUCTION IN THE PRESENTATION SCORE.**