

NURS 8906 - Pharmacology for Nurse Anesthetists 2

Fall 2026 Syllabus, Section 01, CRN 42018,

Credit hours: 3

Instructor

Jason Laurienzo

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Public Instructor Information

Instructor Title: Jason Laurienzo APRN-CRNA, BSN-RN

Instructor Professional Qualifications: Doctorate in Nursing Practice of Anesthesia

Instructor Office Location: Online via email

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Course Description

8906. Pharmacology for Nurse Anesthetists 2. Provides an opportunity to focus on the advanced principles of anesthesia-related pharmacology. Focuses on anesthesia related uses and considerations with antihypertensives, alpha and beta adrenergic receptor agonist/antagonists, and anticoagulants. Presents in-depth material and discussions on the pharmacology of various drugs that contribute to pathological conditions such as malignant hyperthermia, asthma and congestive heart failure. Prereq.: NURS 8900. 3 s.h.

Course Readings

Group	Title	Author	ISBN
Required	Required Textbook: Stoelting's Pharmacology & Physiology in Anesthetic Practice 6th edition; [edited by] Pamela Flood, James P.Rathmell, Richard D. Urman; Philadelphia: Wolters Kluwer, [2022]; Identifiers: LCCN 2020052843	ISBN 9781975126896 (hardback)	ISBN 9781975126919 (epub)

The course readings are subject to change in the event of extenuating circumstances, research developments, current events, and/or to ensure better learning.

Schedule of Topics and Assignments

Week of	Reading(s)	Proposed Topic	Due/To Prepare for Class
8/24	Stoetlings Chapter 26	TIVA/ Malignant Hyperthermia	Discussion
8/31	Stoetlings Chapter 21	Anti-Arrhythmia Pharmacology	Discussion
9/7	Stoetlings Chapter 25	Respiratory Pharmacology	Discussion
9/14	Stoetlings Chapter 26	Acid/Base Disorders	Discussion
9/21		Exam 1	Discussion
9/28	Stoetlings Chapter 44, 45	Maternal/ Fetal Pharmacology	Discussion
10/5	Stoetlings Chapter 44, 45	Pediatric Pharmacology	Discussion
10/12	Stoetlings Chapter 46	Elderly Pharmacology	Discussion
10/19	Stoetlings Chapter 47	Pharmacology of Resuscitation	Discussion
10/26		Exam 2	Discussion
11/2	Stoetlings Chapter 29, 30	Anti-coagulant/ Procoagulant	Discussion
11/9	Stoetlings Chapter 37-40	Endocrine Pharmacology	Discussion

11/16	Stoetlings Chapter 41, 42	Antimicrobial/ Chemotherapeutic Pharmacology	Discussion
11/23	Stoetlings Chapter 43	Psychopharmacologic Drugs	Discussion
11/30	Stoetlings Chapter 31	Physiology and Management of Massive Transfusion	Discussion
12/7		Exam 3	

The course schedule, policies, procedures, and assignments in this course are subject to change in the event of extenuating circumstances, by mutual agreement, and/or to ensure better learning.