

NURS 8913 - Principles of Anesthesia 1

Fall 2026 Syllabus, Section 01, CRN 42292,

Credit hours: 3

Instructor

Douglas Shaffer

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Public Instructor Information

Professor: Douglas Shaffer, DNAP, APRN-CRNA

2016 DNAP, Laroche University

2011 MSN, Youngstown State

2009 BSN, Chamberlain University

2000 Diploma in Nursing, St Francis Hospital

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Course Description

8913. Principles of Anesthesia 1. Basic theory of anesthesia administration, preanesthetic assessment, physical examination, monitoring. Case management including respiratory, cardiac, and vascular. Face to face lecture format. Prereq.: Successful completion of NURS 8910. 3 s.h.

Course Readings

Group	Title	Author	ISBN
Required			
Required Texts (Online and Electronic)			
Apex Anesthesia. https://www.apexanesthesia.com/			
Hadzic's Textbook of Regional Anesthesia and Acute Pain Management- 2nd Edition: Hadzic, A.:			
McGraw Hill Education. ISBN:978-0071717595			
Morgan & Mikhail's Clinical Anesthesiology – 6th Edition; Butterworth, John; Mackey, David C.; & Wasnick, John; McGraw Hill Education. ISBN: 9781259834424, Lange Series (2018)			
Nurse Anesthesia – 6th Edition; Nagelhout, John J. & Elisha, Sass; Elsevier, Health Sciences. ISBN: 9780323443920 (July 2017)			
Chestnut's Obstetric Anesthesia Principles and Practice – 5th Edition; Chestnut, David H.; Wong, Cynthia A.; Tsen, Lawrence C.; Saunders, an imprint of Elsevier, Inc. ISBN: 9781455748662 (2014)			
Anesthesia for Infants and Children – 9th Edition; Davis, Peter J.; Cladis, Franklyn P.; Elsevier, Inc. ISBN: 9780323341257 (2017)			
Clinical Anesthesia – 8th Edition; Barash, Paul G.; Cullen, Bruce F.; Stoelting, Robert		K.; & Cahalan, Michael; Lippincott Williams & Wilkins.	
ISBN: 9781496337009 (May 2017)			
Physical Examination & Health Assessment -7th Edition: Jarvis, Carolyn: Elsevier, Inc. ISBN: 9781455728107 (2016)			

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

Day	Date	Proposed Topic	Due/To Prepare for Class
Tue	8/25	Respiratory Anatomy & Physiology	Nagelhout Chapter 29 Barash Chapter 38 Apex Respiratory Physiology Apex Workbook 2
Tue	9/1	Respiratory Anatomy & Physiology	Nagelhout Chapter 29 Barash Chapter 38
Tue	9/8	Respiratory Anatomy & Physiology	Nagelhout Chapter 29 Barash Chapter 38
Tue	9/15	Respiratory Anatomy & Physiology	Nagelhout Chapter 29 Barash Chapter 38
Tue	9/22	Respiratory Anatomy & Physiology	Nagelhout Chapter 29 Barash Chapter 38 Apex Respiratory Pathophysiology workbook 3
Tue	9/29	Respiratory exam	
Tue	10/6	Thoracic Anesthesia Evaluation/Preop/ Intraop/OLV	Barash Chapter 38-40 Nagelhout Chapter 28 Apex Workbook 6-7-8
Tue	10/13	Thoracic Anesthesia Evaluation/Preop/ Intraop/OLV	Barash Chapter 38-40 Nagelhout Chapter 28 Apex Workbook 6-7-8
Tue	10/20	Cardiac	Barash Chapter 38-40 Nagelhout Chapter 28 Apex Workbook 6-7-8
Tue	10/27	Cardiac	Barash Chapter 38-40 Nagelhout Chapter 28 Apex Workbook 6-7-8
Tue	11/3	Cardiac	Barash Chapter 38-40 Nagelhout Chapter 28 Apex Workbook 6-7-8
Tue	11/10	Cardiac	Barash Chapter 38-40 Nagelhout Chapter 28 Apex Workbook 6-7-8
Tue	11/17	Cardiac Exam	
Tue	11/24	Anesthesia for vascular cases	Barash Chapter 40 Nagelhout Chapter 28 Apex Workbook 6-7-8
Tue	12/1	Anesthesia for vascular cases	Barash Chapter 40 Nagelhout Chapter 28 Apex Workbook 6-7-8
Tue	12/8	Vascular Exam	

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.