

NURS 7037 - Adult Gerontology Acute Care 1

Fall 2026 Syllabus, Section A02, CRN 41943,

Credit hours: 3

Instructor

Cynthia Shields

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Public Instructor Information

Professor: Cynthia Shields, DNP, CNP-APRN

DNP, Nursing, Case Western University. 2016

Post master's Certificate, Acute Care NP, Kent State University. 2012

Masters, Clinical Nurse Specialist, Idaho State University. 1993

Bachelor's, Nursing, Bowling Green State University. 1984

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Course Description

7037. Adult Gerontology Acute Care 1. Competencies (knowledge, skills, and professional behaviors) required to provide comprehensive and holistic care to a culturally diverse, acutely ill population (young adult-frail elderly) is emphasized. Clinical manifestations of and patient response to particular patient care problems (e.g. pulmonary, cardiovascular, etc.) with emphasis on physical assessment findings for determining a differential diagnosis and planning of patient care needs, health promotion and health maintenance. Prereq.: NURS 6904 with a grade of B or better and, NURS 6917 with a grade of B or better and NURS 6918 with grade of B or better. 3 s.h.

Course Readings

Group	Title	Author	ISBN
Required	Sentinel U		

UpToDate and **Sentinel U** are required resources for this course.

- **UpToDate:** UpToDate is an evidence-based clinical decision support resource available through the MAAG Library available at no cost to YSU students through the **Maag Library**. See sign up instructions on Blackboard under "Getting Started". Students are expected to use UpToDate for assigned course activities and clinical reference.
- **Sentinel U:** Students must purchase access through the **YSU Bookstore or Sentinel U**. Access is required to complete assigned Sentinel U activities and course requirements.

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
10/19	Oxygenation, Ventilation Respiratory Failure ABGs & Acid-Base Interpretation Mechanical Ventilation & ARDS	Pulmonary	Quiz 1



10/26	COPD & Acute COPD Exacerbation Asthma & Acute Asthma Exacerbation Pneumonia Tuberculosis Pulmonary Hypertension	Pulmonary	Quiz 2
11/2	Pulmonary COPD & Acute COPD Exacerbation Asthma & Acute Asthma Exacerbation Pneumonia Tuberculosis Pulmonary Hypertension	Pulmonary	Quiz 3
11/9	Cardiac Cardiac assessment Review of 12-lead ECG interpretation Hypertension Hypertensive urgency/emergency Coronary artery disease Angina Hyperlipidemia Peripheral vascular disease Atherosclerotic cardiovascular disease Cardiovascular risk assessment and prevention	Cardiac	Quiz 4
11/16	Cardiac Acute coronary syndromes STEMI NSTEMI Unstable angina Myocardial infarction complications Acute myocardial ischemia Cardiac tamponade	Cardiac	Quiz 5
11/23	Cardiac Heart failure HFrEF HFpEF Acute decompensated heart failure Cardiogenic pulmonary edema Cardiogenic shock Cardiac arrhythmias Atrial fibrillation/flutter SVT Bradyarrhythmias Ventricular tachycardia Ventricular fibrillation Heart block Rate vs rhythm control Anticoagulation considerations in atrial fibrillation Pacemakers and device-related considerations	Cardiac	Quiz 6
11/30	Psychosocial Acute Agitation & Violence Suicide Risk, Depression & Anxiety Substance Use Disorder Trauma & Stress Related Disorders Delirium Anxiety Disorders Depression Disorders Delirium vs Dementia vs Depression Sleep Wake Disorders Mental Health Screening Tools	Psychosocial	Quiz 7

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.