NURS 7037 - Adult Gerontology Acute Care 1

Fall 2026 Syllabus, Section A01, CRN 42586,

Credit hours: 3

Instructor

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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 Delerium Anxiety Disorders Depression Disorders Delerium 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.