

UMass Chan Medical School – Tan Chingfen Graduate School of Nursing
AY 2026-2027 Advanced Nursing Science (Fall Semester 2026)
Adult-Gerontology Acute Care NP Track

Week #	Date/time	Topic, Speaker	Room:
1		• Health promotion, disease prevention • Ordering tests, script writing • Fluid and electrolytes • Geriatric Overview • Assessment in Acute Care • Care of the surgical patient • Fluid and Electrolytes • Radiation safety • Communication/Breaking bad news	
2		• Myocardial Infarction • Atrial Fibrillation & Anticoagulation • 12 Lead EKG interpretation	
3		• Dizziness & Syncope • Pacing • Hypertension	
4		• Aneurysms • PAD/PVD • Heart Failure	
5		• Pneumonia: CAP/HAP /VAP • Drugs and Bugs	
6		• Asthma/PFT's/COPD • Basic Vent	

- ARDS and CXR

7

- OSA
 - ABG interpretation
 - Respiratory Failure
 - Basic vent management and weaning
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8

- Lung Cancer
 - Pain, Agitation, Delirium & Sedation
 - Pleural Diseases
-

9

- Shock, Hemodynamic monitoring, sepsis, resuscitation
-

10

- Thoracic surgery
 - CT scan review
-

11

- Abdominal disorders
 - Genitourinary conditions
-

12

- GI Cancers
 - IBD/IBS
 - GERD/Esophagitis/Ulcers
-

13

- Sodium disorders
 - AKI
-

14

15

- Final exam
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