

**Midland College**  
**Syllabus**  
**RNSG 2331**  
**Advanced Concepts of Adult Health (2-2-0)**

**Course Description:**

This course is an application of advanced concepts and skills for the development of the professional nurse's roles with adult patients and families involving multiple body systems. Emphasis will be on advanced knowledge, judgment, skills and professional values within a legal/ethical framework. This course lends itself to a blocked approach. Prerequisites: Completion of third semester courses or second semester transition courses or approval of program chair.

**Text, References, and Supplies:**

1. *Medical Surgical Nursing: Patient Centered Collaborative Care*, 8<sup>th</sup> Edition. Ignatavicius Donna & Workman, L.M. Publisher: Elsevier, 2015.
2. Study Guide and Clinical Companion *Medical Surgical Nursing: Patient Centered Collaborative Care*, 8<sup>th</sup> Edition. Ignatavicius Donna & Workman, L.M. Publisher: Elsevier, 2015.
3. *Saunders Comprehensive Review for the NCLEX-RN Examination*, 6<sup>th</sup> Edition. Sylvestri, Linda A. Publisher: Elsevier, 2014.
4. Gulanick, M. & Myers, J.L. (2014). *Nursing Care plans: Diagnoses, Interventions and Outcomes*, 8<sup>th</sup> ed. Philadelphia: Elsevier, 2014.
5. *ATI Medical RN Adult Medical Surgical Nursing*, Edition 10 textbook and online modules
6. *ATI RN Pharmacology for Nursing*, Edition 7
7. *ATI Nutrition for Nursing*, Edition 6
8. *Flip & See ECG*, 4<sup>th</sup> Edition. Elizabeth Gross Cohen. Publisher: Elsevier
9. *Prioritization, Delegation, and Assignment: Practice Exercises for the NCLEX Examination*, 3<sup>rd</sup> Edition. LaCharity, L .A., Kumagai, B. B., & Bartz, B. Publisher: Elsevier, 2014.
10. All previously required textbooks and supplies.
11. Additional handouts will be provided during class and/or provided on Canvas.
12. Supplies: Notebook 3 ringed; Personal laptop computer or borrow from MC with instructor permission/checkout; Scantron for exams prn

## Student Learning Outcomes:

The following objectives are based on the Differential Essential Competencies (DEC) identified by the Texas Board of Nursing for professional nursing roles of Member of the Profession (MOP), Provider of patient-Centered Care (PCC), Patient Safety Advocate (PSA), and Member of the Health Care Team (MHCT). Upon successful completion of the course, the student will be able to:

1. Synthesize safe, compassionate patient-centered care for culturally diverse patients and families who are experiencing advanced health care issues. (MHCT-B, D, E, G)
2. Evaluate safety and quality of care to achieve positive patient outcomes. (MOP-B; PPCC-F; PSA-B, C, F)
3. Justify the need for collaboration with members of the health care team to promote and maintain the health of patients and their families. (MHCT-A, D; PPCC-C, D, E, G)
4. Initiate the use of patient care technologies, information systems, and communication skills that support safe nursing practice. (MHCT-E; PPCC-F, H)
5. Critique nursing judgment based on best evidence that integrates nursing science in the provision of safe, quality care for patients with advanced health care issues. (MHCT-G; MOP-C; PPCC-A, C, F)
6. Support standards of practice within legal, ethical and regulatory framework of the professional nurse. (MOP-A; PSA-A, D, E; PPCC-E)
7. Access knowledge of basic leadership and management skills including delegation, supervision and prioritization. (MHCT-F, G; PSA-F)

## Course Outline:

### Problems of Cardiac Output and tissue Perfusion: Management of Patients with Problems of the Cardiovascular System

- 1.1 Assessment of the cardiovascular system
- 1.2 Care of patients with dysrhythmias
- 1.3 Care of patients with cardiac problems
- 1.4 Care of patients with vascular problems
- 1.5 Care of patients with shock
- 1.6 Care of patients with acute coronary syndrome

### Problems of Excretion: Management of Patients with Problems of the Renal/Urinary System

- 2.1 Assessment of the renal/urinary system
- 2.2 Care of patients with urinary problems
- 2.3 Care of patients with renal disorders
- 2.4 Care of patients with acute kidney injury and chronic kidney disease

## Problems of Mobility, Sensation, and Cognition: Management of Patients with Problems of the Nervous System

- 3.1 Assessment of the Nervous System
- 3.2 Care of patients with problems of the central nervous system: The brain
- 3.3 Care of patients with problems of the central nervous system: The spinal cord
- 3.4 Care of patients with problems of the peripheral nervous system
- 3.5 Care of critically ill patients with neurologic problems

## Concepts of Emergency Care and Disaster Planning

- 4.1 Concepts of emergency and trauma nursing
- 4.2 Care of patients with common environmental emergencies
- 4.3 Concepts of emergency disaster

### **Student Contributions, Responsibilities and Class Policies:**

1. Students will be expected to comply with the policies outlines in the Midland College student handbook and the Midland College Associate Degree Nursing Program Student Policy Handbook.
2. This class will utilize online Canvas, Elsevier, and ATI online learning system. Students are expected to know how to access Canvas, Elsevier, and ATI. If students have access issues with off-campus connections, they must be prepared to utilize the school (health science division) computer lab to log on and complete required assignments, especially those requiring testing. Selected ATI products will be required in this course such as, but not limited to, pharmacology module(s), dosage and calculations module(s), target content mastery, nurse logic, and practice and proctored exams in new content as well as past content in previous semesters.
3. Class time will be used primarily for lectures, application exercises such as case studies, concept maps, non-proctored and proctored testing, and guest speakers.
4. It is the responsibility of the students to know the policies and procedures associated with absences. These policies are set by instructors. Excused absences may include, but are not limited to illness, severe weather, and death in the family.  
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5. Students are expected to determine what they need to study and to solicit assistance from the instructor as needed. Students may contact the instructor by phone, email, text or in person during campus hours M-F 0800-1700 per scheduled office hours, and by appointment.
6. All assigned course work must be completed and turned in on or before and no later than the due date written on the course calendar. *No assignments will be accepted late.* No assignment is optional. All assignments must be completed according to the requirements delineated by the instructor in order to receive a course grade for this course.

7. Assignments will be submitted electronically or manually and if submitted manually must *not* smell of smoke or perfume, and not have tears, creases, or stains. All assignments must have correct grammar, spelling, and correct use of APA as assigned by the instructor.
8. The utmost honesty and integrity is expected:
  - (a) You are to work on your assignments and submit your work without any assistance from family, peers, or friends; and,
  - (b) You are not to share, copy, or take a picture of your assignment and share with your peers. If it is discovered and confirmed the above was violated you will receive a failing grade for the entire course. Refer to Midland College Associate Degree Nursing Program-Student Policy Handbook "Professional Conduct and Testing."
9. The student is responsible for any material covered through lecture, audio-visual media, class presentation, independent study, required readings and assignments, and guest speakers. This information will be included on the unit exams and the final exam. Unannounced quizzes may be given.
10. Exam questions may be in the format of multiple-choice, multiple answer, true-false, short answer, fill in the blank, calculations, rank and order, hot spot, audio, or matching type questions.
11. Exam questions are written in the NCLEX format will be included on the non-proctored practice exams and proctored unit exams, ATI, and the final exam.
12. Proctored tests will utilize the computer or be taken in a hard copy format using a Scantron. The student is responsible for purchasing a Scantron prior to an exam and the Scantron can be purchased at the Midland College (MC) bookstore. In the event of a computer or Scantron grading error, the final grade may be subject to change.
13. Proctored exams will be taken at Midland College (MC) as designated, and Ft. Stockton as applicable. Non-proctored exams may be taken on-site at MC or off site. Testing sites are subject to change; refer to course calendar for due dates, location, and "Announcements" in Canvas.
14. The grades earned for this course will consist of unit and final exams covering the material covered in, drug and vocabulary cards, and two practice and two proctored ATI Content Mastery exams: Medical Surgical Nursing and Pharmacology. Refer to the course calendar for assignments and proctored exams due dates.
15. If a student does **not** notify the instructor by contacting the instructor to discuss, leave a message, text, or email **prior** to the unit, final exam, ATI practice and content mastery exams, the student will not be eligible to make-up the exam, and the student will receive a "0" zero for that exam and will **not** be eligible to make up the exam. \*Refer to Midland College Associate Degree Nursing Program-Student Policy Handbook "Testing."
16. Personal or borrowed MC laptop computers will be used in class to work on assignments and research. Internet use is for class assignments and research only. If the student is found to use the

Internet for use other than assignments and research, the instructor will privately ask the student to leave the class for that day

17. Students will participate in ATI Pharmacology and Medical Surgical Nursing. ATI practice assessments are supervised by course faculty. Practice assessments A and B are given prior to the Content Mastery examination. The student is not allowed to take the Content Mastery Exam unless requirements for the Practice Assessments have been met as scheduled by the instructor. The Content Mastery Exam will be given approximately two weeks before the end of the semester. Instructors will provide instructions for Remediation (Active Learning) and use of templates in each course.

### **Withdrawal Policy:**

Students who have enrolled in a Texas public institution of higher education as a first-time freshman in fall 2007 or later are permitted to drop no more than six courses during the entire undergraduate career. This limit includes all transfer work taken at a Texas institution of higher education and to second baccalaureate degrees. This statute was enacted by the State of Texas in spring 2007 (Texas Education Code 51.907). Any course that a student drops after Census Day is counted toward the six-course limit if “(1) the student was able to drop the course without receiving a grade or incurring an academic penalty; (2) the student’s transcript indicates or will indicate that the student was enrolled in the course; and (3) the student is not dropping the course in order to withdraw from the institution.”

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### **Scholastic Dishonesty:**

Midland College does not tolerate scholastic dishonesty or academic misconduct in any form. Please read the MC Student Handbook on this subject.

<http://catalog.midland.edu/content.php?catoid=6&namoid=673>

### **Evaluation of Students:**

Unit Exams and Final Exam: Unit exams will cover content in cardiology, renal, neurology, emergency/trauma, and emergency preparedness and disaster planning. The final exam is comprehensive. Due to the complexity of the subject matter there may be several unit exams in one content area:

**Cardiac 6 chapters;** 2 unit exams covering 3 chapters on each exam with a total of 75 questions on each exam.

**Renal 4 chapters;** 1 unit exam covering 4 chapters with a total of 75 questions on the exam.

**Neurology 5 chapters;** 2 unit exams covering 2 chapters on one exam with 50 questions on the exam, and 3 chapters on the second exam with 75 questions on the exam.

**Emergency/Trauma/Emergency Preparedness and Disaster planning 3 chapters;** 1 unit exam covering 3 chapters with 50 questions on the exam.

A course grade of  $\geq 70$  or better is necessary to pass RNSG 2331. **There will be no rounding of final grades.** A semester grade of **less than "C" will not be acceptable as passing** in any required nursing course or course leading to a degree.

- A = 100-90
- B =  $<90$  and  $\geq 80$
- C =  $<80$  and  $\geq 70$
- D =  $<70$  and  $\geq 60$
- F = 59 or below

Grades will be calculated as follows for the final course grade. *No assignment is optional.*

- Proctored Unit Exams Total: 70%
  - a. Cardiac (2 exams) 17.5%
  - b. Renal 17.5%
  - c. Neurology (2 exams) 17.5%
  - d. Emergency Preparedness 17.5%
- \*Final Exam: 30%

**\*Note: If the average of the major exams is less than 70 at the time the final exam is given, the student will not be allowed to take the final exam and will receive a grade of "D" in the course. The Readmission policy applies to students seeking to repeat the course.**

TOTAL 100%

Proctored ATI Content Mastery

- a. ATI Pharmacology Level 3=2 points
- b. ATI Pharmacology Level 2=1 point
- c. ATI Pharmacology Level 1 or Below Level 1=0 points
- d. ATI Medical-surgical Level 3=2 points
- e. ATI Medical-surgical Level 2=1 point
- f. ATI Medical-surgical Level 1 or Below Level 1=0 points

Note: Points are added **after** the final grade if applicable

**Course Schedule:**

This class meets for four lecture/lab hours per week. A schedule will be distributed in class and posted on CANVAS. **The schedule is subject to change at the instructor's discretion. Changes will be posted on CANVAS course announcements.**

**Americans with Disabilities Act (ADA):**

Any student who, because of a disabling condition, may require some special arrangements in order to meet course requirements should contact Shep Grinnan as soon as possible. Mr. Grinnan's office is located in the Scharbauer Student Center Building. These conditions may include documented physical

or educational disabilities. Please be aware that services or accommodations are not automatic. Each student must request them and secure the proper authorizations/documentation.

**Health Sciences Division Information:**

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