

Academic Unit:	School of Nursing
Course Prefix:	NUR 345
Course Title:	Adult Health and Illness I
Term Offered:	Fall and Spring
Credit Hours/Clock Hours:	4 credits/ 60 clock hours
Prerequisites:	NUR 225, NUR 225L, NUR 371
Corequisites:	NUR 345L, NUR 373
Mode of Instruction :	In-Person Lecture

Instructor Name:

Instructor Contact Information:

Instructor Availability:

Course Description

This course introduces nursing concepts necessary for beginning the care of adult clients with selected illness/disease conditions, and the use of the nursing process to promote health and healing. Students apply pathophysiology and pharmacology principles to focus assessment, plan and implement care, and evaluate outcomes. Utilization of research evidence and clinical practice guidelines are integrated with caring theory to plan and provide holistic care, promote health, and advocate for patients.

Course Purpose

This early-program required traditional BSN course, introduces the student to nursing concepts of adult clients with selected medical and surgical problems. Students explore the theoretical and biophysical underpinnings of adult illness and disease and utilize the nursing process to promote health and healing. Student understanding of pathophysiology and pharmacology, as well as the caring theory are emphasized. Students are exposed to a multitude of cultural, ethical, physical, and psychosocial issues that nurses confront related to caring for patients and families with medical or surgical issues. Students gain a basic understanding of the wide range of adult physical illnesses, including best practices for the vast array of treatment modalities for both medical and surgical illnesses. Throughout the course the importance of therapeutic communication, use of research evidence and clinical practice guidelines are addressed, which will enable the student to provide holistic care, promote health, and advocate for the patient. By the end of this course students are exposed to a foundational understanding of the many roles nurses fulfill related to adult medical and surgical needs throughout the continuum of care which will enhance their critical thinking, clinical practice, professionalism, and leadership abilities.

Course Learning Outcomes

Upon completion of the course, the successful student:

Clinical Practice and Prevention

- Examines nursing situations using standards of care, critical thinking, clinical reasoning, and evidence-based practice.
- Applies a range of knowledge to promote health and well-being and prevent complications in adults experiencing illness and disease.
- Applies the nursing process to patient learning needs.

Communication

- Demonstrates professional, empathetic and therapeutic communication skills in all learning situations.

Critical Reasoning

- Applies the nursing process as a basis for clinical decision-making.
- Constructs and implements safe, effective, patient-centered nursing care using nursing knowledge, information technologies and research evidence.

Leadership

- Explores principles of collaboration and advocacy to safely provide and manage patient care.

Professionalism and Professional Values

- Emulates professional behavior in all learning situations.
- Examines ethical and legal principles and professional standards that are foundations to nursing practice.
- Explores caring's essential elements as they are expressed in holistic patient-centered care.

Global Health

- Discusses the impact of health equity and social justice on nursing and health care in a variety of settings.

Course Structure/Approach

NUR 345 will utilize a variety of approaches to meet the course objectives. These instructional methods may include, but are not limited to: lecture, audio-visual material, guided discussion, group work, demonstration and return demonstration, role playing, computer programs, decision making exercises, written tests and quizzes, and written assignments. While the faculty will provide guidance and consultation, the student is responsible for identification of learning needs, self-direction, seeking consultation and demonstration of course objectives.

Required Textbooks

**Kee, J. L. (2014). *Laboratory and diagnostic tests with nursing implications* (9th ed.). Upper Saddle River, NJ: Prentice Hall.

Lewis, S.L., Dirksen, S.R., Heitkemper, M.M., & Bucher, L. (2017). *Medical-surgical nursing: Assessment and management of clinical problems* (10th ed.). St Louis: Elsevier: Mosby.

Required (purchased for NUR 225/225L)

Ackley, B.J. & Ladwig, G.B. (2011) *Nursing Diagnosis Handbook: An evidenced-based guideline to planning care*. St. Louis: Mosby. 978-0-323-07150-5...Newest Edition Available

Potter, P. A., Perry, A.G., Stockert, P.A. & Hall, A.M. (2013). *Fundamentals of nursing* (9th ed.). St. Louis: Mosby/Elsevier.

Elsevier (2016). *Clinical Skills: Essentials Collection: Fundamentals and Health Assessment*. St. Louis: Mosby/Elsevier. ISBN: 9780323394499.

Select one of the following:

**Vallerand, A.H. & Sanoski, C.A. (2014). *Davis's drug guide for nurses (14th Ed.)*. Philadelphia: F.A. Davis.

**Wilson, B.A., Shannon, M.T. & Shields, K.M. (2014). *Pearson nurse's drug guide 2014*. Upper Saddle River, New Jersey: Pearson Prentice Hall.

Recommended Textbooks

Hale, A. & Hovey, M.J. (2013). *Fluid and electrolyte notes: Nurse's clinical pocket guide*. Philadelphia: FA Davis.

Lewis, S.L., Dirksen, S.R., & Bucher, L. (2017) Study guide for Lewis, S.L., Dirksen, S.R., Heitkemper, M.M., & Bucher, L. (2017). *Medical-surgical nursing: Assessment and management of clinical problems* (10th ed.). St Louis: Elsevier: Mosby.

Lippincott's nursing procedures (6th ed.). (2012). Philadelphia: Wolters Kluwer Health.

Silvestri, L.A. (2014). *Saunders comprehensive review for NCLEX-RN examination* (6th ed.). Philadelphia, PA: W. B. Saunders. (STRONGLY RECOMMEND)

Wilson, B.A., Shannon, M.T. & Stang, C.L. (2011). *Pearson intravenous drug guide 2011-2012* (2nd ed.). Upper Saddle River, New Jersey: Pearson Prentice Hall.

** You may use any nursing drug or laboratory/diagnostic results book not over two years old.

Online Requirements

- Evolve Online: <https://evolve.elsevier.com/> (Case studies, text book online resources)
- Kaplan Resources: https://nursing.kaplan.com/s_login.aspx
- Blackboard Learn assignments and readings: <http://bblearn.nau.edu>

Emergency Textbook Loan Program:

To help students acquire the materials they need to be successful in class. NAU has partnered with Follett to create the Emergency Textbook Loan program. The program is administered by the LEADS Center. The program assists students with unmet financial need in obtaining required textbook(s) and other materials for courses. Students must apply and meet eligibility criteria before textbooks are purchased on their behalf. Textbooks must be returned at the end of the term in which the textbooks were loaned. More information can be found online: <http://nau.edu/leads-center/textbook-loan-program/>

Assessment of Student Learning:

In order to pass NUR 345, the student must achieve the following:

1. An overall course grade of 78% or higher.
2. A combined average of 78% on **all** exams, except the Kaplan exam; students who do not achieve a 78% exam average will receive an F for the course regardless of course points achieved.

Various activities will be used to assess student learning and mastery of content across the semester. These include course examinations, in-class activities, case studies and the Kaplan specialty achievement exam. Weighting of these activities and calculation of grade is as follows:

Evaluation Tool	Percentage
Five of six online Evolve HESI Case Studies (lowest case study score dropped)	9% (90 points total-15 points each)
Social Justice and Health Equity Assignment	6% (60 points)
Kaplan Practice Exams	5% (50 points)
Test 1	15% (150 points)
Test 2	15% (150 points)
Test 3	20% (200 points)
Comprehensive Final Exam	25% (250 points)
Kaplan Exam	5% (50 points-all or none)
Total Percentage	100% (1,000 points)

Grading Scale

A = 93-100% (**930-1,000 points**)

B = 84 – 92% (**840-920 points**)

C = 78 – 83% (**780-830 points**) (A grade of "C" or above is a passing grade in this course).

F = <78% (**below 780 points**)

COURSE POLICIES:

Lecture

1. Please see the NAU classroom management statement:
http://nau.edu/uploadedFiles/Administrative/EMSA_Sites/Folder_Templates/Forms/Classroom_Disruption_Policy.pdf
2. Lecture materials, articles, and other information may be found on Blackboard Learn or distributed in class.
3. Professional communication and conduct is expected at all times.
4. Cell phones and pagers are to be turned off or silenced for the duration of the class.
5. No children are allowed in class at any time. Visitors are allowed only with permission from the instructor.
6. It is the student's responsibility to obtain handouts, lecture notes, and information from announcements in the event a class is missed.
7. Taping of lectures is permitted in this course. Clinical examples cannot be discussed outside the classroom due to patient confidentiality.
8. Students are expected to have read the assigned reading and come to class prepared to discuss the topics, and to ask relevant questions concerning content.
9. Students are expected to come to class and return from breaks on time.
10. No extra credit will be given for this course.
11. Rounding will *only* be done on the final overall grade. Final grades ≥ 0.5 (must be *exactly* 0.5 or higher) will be rounded up to the next whole number; final grades < 0.5 will be rounded down to the next whole number. Midterm grades are not rounded.

Examinations (Other than Kaplan)

1. Students must achieve a combined average of 78% on all exams (except Kaplan) to pass the course.
2. All exam dates and times are printed on the course schedule. Exam dates, times, and locations are subject to change.
3. Students will be allotted one and one half (1.5) hours to complete the three major examinations and two (2) hours to complete the final examination; this includes bubbling in scantron forms. Announcements will be made when there are 30, 15, and 5 minutes remaining.
4. Students who are late for exams will not be given extra time.

5. No examination or test material is to leave the classroom with a student as it may be perceived as cheating.
6. Any student determined by faculty to have cheated on the exam will receive a score of zero for that exam and will be subject to failure from the course.
7. **Retests/makeup tests:** Exams will be given only on the date and time scheduled. There are no retests. Make-up examinations, except for the Kaplan, will be provided only in **extraordinary** circumstances. The Kaplan exam cannot be made-up. Students who are absent from an examination for any reason must call the course leader **prior** to the examination. Students who do not call before an examination will receive a zero for that examination and will not be eligible to take a make-up examination except for extreme circumstances. Any make-up exam must be completed within two business days of the original exam date or at the discretion of the course faculty; the final exam must be completed within two business days or by the last day of final exams, whichever comes first. Students not completing the exam within the designated time frame may receive a zero on the exam. Make up tests may be in any form (oral, written, essay) over the same objectives as the multiple-choice exam.
8. Appointments and individual discussion regarding exams may not be made until item analysis is complete. Students have 10 business days to review all exams except the final; students will not be able to review exams after that time. Students will not be able to make appointments to review the final.
9. For each exam:
 - Cell phones, beepers and other electronic devices must be turned off during exams.
 - All books, bags, computers, notes, notebooks, cell phones, water and drink bottles, purses and other personal belongings will be left at the front of or outside the room.
 - Hats, headbands, and caps are not permitted; ear plugs must be approved by faculty before use.
 - Students are expected to stay in the exam room while taking the exam; students may only leave the exam to use the restroom if they have submitted a note from a health care provider.
 - The classroom and surrounding doors are “quiet zones” before, during, and after exams.
 - Once you have completed the exam, turn in exam materials and leave the room quietly; please move away from the classroom doors and talk quietly away from the classroom where students are testing. We will have lecture following the exams.
 - Exams may cover material from lecture, textbooks, articles, handouts, websites, discussions, and previous and concurrent courses (including NUR 345L).
 - Scantron forms and calculators will be provided.
 - Students are required to meet with faculty if they receive a 77% or lower on an exam.
10. The final examination will be comprehensive.

Kaplan Standardized Exam

In addition to the classroom examinations, there will also be a Kaplan Comprehensive Course exam which will cover all content covered over the semester. To receive the 5% for the Kaplan exam, students will need to achieve mastery on the exam. **This mastery level is to be determined within the next two weeks and you will be notified via bblearn what the mastery level is.** Students not achieving mastery will be awarded a zero. Students are required to complete the Kaplan exam. Because the Kaplan is a highly secured, standardized examination, it must be taken on the scheduled date and time and cannot be made up. Students should expect to receive approximately 75 questions within a 1.5-hour time frame.

Assignments

All assignments and exams are to be completed by each student individually without the help of others unless specifically identified as a group project or the student has been directed to seek help from a designated NAU representative or teaching assistant. Assignments are due at 11:59 pm Arizona Time (MST) on Tuesdays of the week they are due or the student will receive a zero for that assignment. Assignment due dates are printed on the course schedule. Late assignments will not be accepted unless prior arrangements have been made with the instructor.

- **Online Case Studies:** See course schedule for specific assignments and due dates. They are located under the “Case studies”, “Course Documents”, “HESI Case Studies” section on the Evolve website: <https://evolve.elsevier.com/staticPages/index.html>. There are six Evolve online case studies assigned. The lowest case study score will be dropped; therefore, only five case studies count toward the case study portion of the grade. The first question submission and first score of the case study will be recorded as the grade. Students may use case studies not assigned for a grade for study and practice.
- **Health Disparity Assignment:** You will be working in groups of 4 and researching health disparity issues in Pima County. You will then create a poster that addresses those issues, posters will be displayed in the classroom for peer viewing. Instructions can be found under the assignment tab on the dashboard.
- **Kaplan Practice Exams:** Students are required to complete eight (8) practice exams with a score of **84%** or higher. **In order to receive credit, you must complete remediation in which you list the rationale (3 sentences or less in your own words) for the correct answer for each question that you answered incorrectly on your first attempts of each exam. Please upload your remediation to the assignment drop box as a word document along with your Kaplan scores for each test. You should submit to this drop box when all tests and all remediations have been completed, not one test at a time. Keep your remediation for all exams on one word document, labeling each test and exam question accordingly.** **Reminder: Practice exams must be taken the semester the student is taking NUR 345.** Kaplan Practice exams may be repeated as often as needed to achieve **84%**. Students will only be awarded points if they completely meet the requirement; no partial credit will be awarded. Practice tests can be found in the Focused Review Tests section, take available tests at the Kaplan website: https://nursing.kaplan.com/s_login.aspx. Send statement of completion with a screen shot of your score via the assignment tool in BBLearn. The practice exams students must complete are:

○ Kaplan Fundamentals of Nursing A	○ Kaplan Fundamentals of Nursing B
○ Kaplan Endocrine System A	○ Kaplan Fluid & Electrolyte Balance A
○ Kaplan Musculoskeletal System A	○ Kaplan Oncology A
○ Kaplan Renal-Urological System A	○ Kaplan Hematology-Immune A

- End of semester evaluations: Course evaluations are expected to be completed at the end of the semester. Your professional, constructive feedback is appreciated.

Course policies

Policies and guidelines in the NUR 345 course syllabus apply to all aspects of this course. You are responsible for review and compliance with NUR 345, NAU School of Nursing, and NAU policies. You are also responsible for review and adherence to the professional standards and rules of the Arizona Nurse Practice Act, the State Board of Nursing, and the American Nurses’ Association Code of Ethics. For full descriptions of policies, visit these websites:

- Current NAU SON BSN Handbook: http://nau.edu/uploadedFiles/Academic/CHHS/Nursing/BSN_Handbook.pdf
- NAU Student Handbook: <https://nau.edu/student-life/student-handbook/>
- Arizona Nurse Practice Act: <https://www.azbn.gov/laws-rules/nurse-practice-act>
- American Nurses Association Code of Ethics: <http://www.nursingworld.org/MainMenuCategories/EthicsStandards/CodeofEthicsforNurses.aspx>
- Social Media Guidelines: https://www.ncsbn.org/Social_Media.pdf

Attendance Policy

Successful achievement of course outcomes is facilitated by regular class attendance and active engagement in the learning process. Should an absence be unavoidable, the student shall notify the

instructor according to instructions provided in the course syllabus. Students are responsible for completion of any missed work in accordance with course policies.

Withdrawal Policy

If a student is unable to attend the course or must drop the course for any reason, it will be the responsibility of the student to withdraw from the course before the withdrawal deadline (see current NAU Schedule of Classes for deadline: <https://nau.edu/registrar/important-dates/>).

Plagiarism, Cheating, and Academic Dishonesty:

Please refer to the NAU Student Handbook (<https://policy.nau.edu/policy/policy.aspx?num=100601>) for definitions, policies, penalties, and procedures related to various forms of academic dishonesty.

University Policies:

Review the following policies available on the Northern Arizona University Policy Statement website (<http://nau.edu/OCLDAA/Forms/UCC/SyllabusPolicyStmnts2-2014/>):

1. Safe Environment Policy
2. Students with Disabilities Policy
3. Academic Contact Hour Policy
4. Academic Integrity Policy (also see <https://policy.nau.edu/policy/policy.aspx?num=100601>)
5. Research Integrity Policy
6. Sensitive Course Materials Policy
7. **Classroom Disruption Policy** (also see http://nau.edu/uploadedFiles/Administrative/EMSA_Sites/Folder_Templates/Forms/Classroom_Disruption_Policy.pdf)
8. **The Impaired Student policy will be strictly adhered to; there will be no tolerance for any evidence of substance abuse.**

NUR 345 COURSE OUTLINE

Week	Date	Topic	Preparation	Learning Activities*
1		Introduction to Course Introduction to Blackboard Learn Introduction to Medical-Surgical Nursing Care of the Older Adult	Lecture On-Line	Read Course Content on BBLearn Read Ch. 1, pp. 63-76
		Care of the Patient with Pain	Lecture	Read Course Content on BBLearn Read Ch. 8, 10 Complete Pain pre quiz
2		Management of Patients with Fluid, Electrolyte, and Acid-Base Imbalances	Lecture	Read Course Content on BBLearn Read Ch. 16
		Syllabus Acknowledgement Due	On-Line	Assignments
3		Management of the Perioperative Patient	Lecture	Read Course Content on BBLearn Read Ch. 11, 17, 18, 19; pp. 647-652 Taylor videos: Module 7 (Perioperative Nursing)
		Test Taking	Lecture/On- Line	Read Course Content on BBLearn View Kaplan resources (listed below)
		Perioperative Case Study Due (in Fundamentals Section)	On-Line	Evolve HESI Case Study Submit score to Assignments
4		Exam # 1 Weeks 1-3		Proctored
		Problems of Renal and Urinary Function	Lecture	Read Course Content on BBLearn Read Ch. 44, 45, 46; pp. 207-211
5		Problems of Renal and Urinary Function	Lecture	Read Course Content on BBLearn Read Ch. 44, 45, 46; pp. 207-211
		Chronic Kidney Disease Case Study Due (in Medical-Surgical Section)	On-Line	Evolve HESI Case Study Submit score to Assignments
6		Problems of Regulation and Metabolism: Management of Patients with Endocrine Problems	Lecture	Read Course Content on BBLearn Read Ch. 47, 49
		Thyroid Disorders Case Study Due (in Medical-Surgical Section)	On-Line	Evolve HESI Case Study
7		Problems of Regulation and Metabolism: Management of Patients with Diabetes Mellitus	Lecture	Read Course Content on BBLearn Read Ch. 47, 48
		Diabetes Type 1 Case Study Due (in Medical-Surgical Section)	On-Line	Evolve HESI Case Study Submit score to Assignments
8		Exam # 2 Weeks 4-7		Proctored
		Male Reproductive		Read Course Content on BBLearn Read Ch. 54; pp. 1184-1185, 1191-1202
9		Problems of Mobility: Management of Patients with Problems of the Musculoskeletal System	Lecture	Read Course Content on BBLearn Read Ch. 61, 62, 63; pp. 46-63, 1517- 1537, 1544-1546
10		SPRING BREAK...NO CLASS		
11		Problems of Mobility: Management of Patients with Problems of the Musculoskeletal System- Guest Speaker Problems of Protection: Management of Patients with Integumentary Problems	Lecture	Read Course Content on BBLearn Read Ch. 61, 62, 63; pp. 46-63, 1517- 1537, 1544-1546 Read Course Content on BBLearn Read Ch. 22, 23; pp. 172-177
11		Osteoporosis Case Study Due (in Medical Surgical Section)	On-Line	Evolve HESI Case Study
11		Problems of Protection: Management of Patients with Burns	Lecture	Read Course Content on BBLearn Read Ch. 24
12		Exam #3 Weeks 8-12 (excluding immunity)		Proctored
12		Problems of Protection: Management of Patients with Immunity and Infection	Lecture	Read Course Content on BBLearn Read Ch. 13, 14, pp. 506-511, 1538-1550

		Human Immunodeficiency Virus (HIV) and Tuberculosis (Tb) Case Study Due (in Medical-Surgical Section)	On-Line	Evolve HESI Case Study
13		Problems of Protection: Management of Patients with Cancer	Lecture	See Course Content on BBLearn Read Ch. 9, 15, 51; pp. 1187-1188, 1191-1202 Potter, Perry, Ch. 37
13		Health Disparity Assignment	On-Line	Assignments
14		Problems of Protection: Management of Patients with Cancer	Lecture	See Course Content on BBLearn Read Ch. 9, 15, 51; pp. 1187-1188, 1191-1202 Potter, Perry, Ch. 37
14		Kaplan Practice Exams Due	On-Line	Kaplan Website. Include note of completion to Assignments
15		Kaplan Comprehensive Course Exam (Time to be Determined)		Testing Center
16		Final Exam-Comprehensive		Proctored

*Learning activities: Unless noted, chapter readings are from:

Lewis, S.L., Dirksen, S.R., Heitkemper, M.M., & Bucher, L. (2017). *Medical-Surgical Nursing: Assessment and management of clinical problems* (10th ed.). St Louis: Elsevier: Mosby.

Other assigned readings, including articles, websites, and handouts, will be on the Blackboard Learn course shell.

Required Kaplan videos for Test Taking:

Log into the Kaplan website (https://nursing.kaplan.com/s_login.aspx). Click on "Nursing Student Success", "How to Study" and view the following videos:

- Orientation: Find out what study skills workshops are available to you.
- Classes: Learn how to make the most of attending classes using techniques such as active listening.
- Taking Notes: Find out how to take notes in the most effective manner possible.
- Studying: Learn how to study in the manner that works best for you.
- Remembering: Find out what you can do to improve your retention of information.
- Reading Textbooks: Learn how to read your textbooks efficiently.
- Time Management: Learn how to make the best use of your time.
- Stress Reduction: Learn about ways you can work through stressful situations.
- Preparing for the Exam: Learn ways to help you get ready for success on exams.
- Recommended Kaplan video: Click NCLEX Review in the Gray NCLEX Prep box and then click "RN Test Taking Workshop".



Acknowledgment of Syllabus/Course/Clinical Requirements

Name (First) _____ (Last) _____
(Please print)

Phone number _____ Email: _____

I acknowledge that I have reviewed and read the syllabus for NUR 345. I understand the expectations and requirements for this course. I agree to abide by the regulations, terms, and policies as set forth in the syllabus.

I understand that NUR 345 is a rigorous academic course. I understand that I need to contact the faculty if I have questions or concerns and that it is my responsibility as an adult learner to seek clarification or assistance when needed. I understand that I must an overall course grade of 78% or higher and a combined average of 78% on all exams, except the Kaplan exam in order to pass the course and proceed in the nursing program.

In addition, I have reviewed again the School of Nursing Undergraduate Student Handbook and the Northern Arizona University Student Handbook and understand the policies that are in place to support my continued education in Nursing.

(Signature)

(Date)