

Linn-Benton Community College Nursing Program
NUR 268D– Drug Therapy and Nursing Implications
Fall 2021
Syllabus

Instructor: Caity Wells MSN, RN, CCRN

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Credit breakdown: 1 credit lecture

CRN: 27566 & 27567

Schedule: Wednesday 11:30 AM-12:20 PM & Thursdays 11:30 AM-12:20 PM

Some classes may be combined due to conflicts with holidays- see course calendar

Location: HOC-130

Prerequisite course: NUR 268C Drug Therapy and Nursing Implications with a grade of C or better.

Course Description:

Builds on the knowledge acquired in NUR 268C and continues to focus on nursing management, critical thinking, and safety with regard to medication therapy. Includes the topics of: pharmacokinetics, pharmacodynamics, specific drug therapies, interactions of the drug groups which are applicable to the content provided in NUR 201A. Uses drug lists for each major category of drugs to direct learning for drug action, safe dosage, side effects, drug interactions, adverse reactions and nursing implications.

As a result of this course the student will achieve the following outcomes:

1. **Management of Care:** Practice in a manner consistent with the Code of Ethics for Registered Nurses.
2. **Safety and Infection Control:** Follow procedures for handling biohazardous materials.
3. **Health Promotion and Maintenance:** Assess the impact of change on family dynamics and medication management.
4. **Psychosocial Integrity:** Assess client's and family's ability to cope with end-of-life issues and the medications involved.
5. **Basic Care and Comfort:** Assess the client's need for palliative care/symptom management or non-curative treatments.
6. **Pharmacological and Parenteral Therapies:** Identify actual and potential incompatibilities of prescribed medications.
7. **Reduction of Risk Potential:** Perform appropriate focused assessments prior to medication administration.
8. **Physiological Adaptation:** Apply knowledge of pathophysiology when caring for a client with a medical emergency receiving supportive medication therapies.
9. **Professional Engagement:** Participate in reflective practice.

To achieve the course outcomes, student will achieve the following clinical goals:

This class has no clinical component; however, content within this course is directly applicable within the core nursing courses (NUR101 – NUR203) and clinical goals within those courses will require knowledge obtained within this course. Students will be expected to demonstrate knowledge and understanding of medications. These may be applied to virtual simulations or the clinical setting. The student will best be able to demonstrate this by the following:

- Justify the appropriateness for medication(s) within a specific patient care situation.
- Prepare or withhold medications based on evidence and judgment.
- Calculate accurate dosages, times, measures and volumes of medications as well as accurate weights of patients.
- Select non-drug complementary measures/nursing interventions to promote therapeutic effects of medications.
- Identify nursing interventions/actions appropriate to the situation based on early recognition of adverse drug effects.
- Identify appropriate administration methods for medications using established safety protocols, minimizing adverse interactions, and incorporating patient education.
- Evaluates the effectiveness of medications and compares therapeutic results compared with baseline data.

Learning Activities (may include any of the following but not limited to): Return demonstration of skills, lecture, group activities, written work, discussions, case studies, concept maps, online learning activities, ATI activities, and clinical activities.

Evaluation of learning which results in a grade will be determined by:

1. **Quizzes:** Multiple choice, short answer and fill in the blank questions may be used, as well as alternate item format questions (questions that pertain to pictures, graphs or documents). Quizzes will be posted online on the NUR268D Moodle website. These will not be proctored quizzes, but it is expected that you complete them independently in order for you to be successful on the midterm and final exams. They should be completed by the deadline on the course schedule. If a quiz is not submitted by the deadline, it will be graded as a zero, unless there is notice given to the instructor prior to the deadline.

Quiz #1	10 pts
Quiz #2	10 pts

2. **Drug Cards:** Points for drug cards will be determined in two ways. The first drug card evaluation will be an evaluation of a single drug card of the instructor's choosing. The second drug card evaluation will be for all drug cards completed in NUR268C. Students who have all drug cards for NUR268D completed will

receive the total points (see drug card rubric for how this will be evaluated for points). A drop box will be provided for every week of class to submit drug cards. They will not be evaluated until the end of the term.

Drug card 1st evaluation (one card) **5 pts**

Drug card 2nd evaluation (all cards completed) **5 pts**

- 3. Activities:** other assignments may be assigned for class activity points including case studies, socratic activities, group discussion forums, written assignments or projects.

“Introduce yourself” slide **3 pts**

Infographic drug card **5 pts**

- 4. Midterm Exam:** Multiple choice, short answer and fill in the blank questions may be used, as well as alternate item format questions (questions that pertain to pictures, graphs or documents). This will be a proctored exam online.

25 pts

- 5. Final Exam:** Multiple choice, short answer and fill in the blank questions may be used, as well as alternate item format questions (questions that pertain to pictures, graphs or documents). This will be a proctored exam online.

50 pts

6. ATI Assignments:

Parenteral (IV) Medications Lesson **5 pts**

Dosage Calc. Practice Test (Parenteral (IV) meds) **10 pts**

ATI Pharmacology Practice Assessment **10 pts**

EHR Tutor Pharmacology Case Study **10 pts**

The dosage calc. practice test is found with the accompanying lesson in ATI in the “learn” tab. The dosage calculation test is based on performance.

Total points in the course: 148 pts

Grading:

The grading scale that follows is in compliance with the LBCC Associate Degree Nursing Program Policies and Procedures. For this course the points for grades will be determined by percentage as followed:

92.00 - 100% = A

83.00 - 91.99% = B

75.00 - 82.99% = C

64.00 - 74.99% = D

Students must achieve a minimum grade of C (75%) in this course to progress to the next term of the nursing program.

Book List

Required:

Burchum, J.R. & Rosenthal, L.D. (2019). *Lehne's pharmacology for nursing care* (10th ed.). St. Louis, MO. Elsevier

Optional:

Ogden, S.J. & Fluharty, L. (2020). *Calculation of drug dosages* (11th ed.). Elsevier.

COVID Compliance: Students are expected to comply with the [Fall 2021 Rebounding Plan](#).

Linn-Benton Community College has established rules and policies to make the return to the classroom as safe as possible. It is required for everyone to follow all of the campus rules and policies. To participate in this class, LBCC requires all students to comply with the following:

MASKS REQUIRED AT ALL TIMES IN CLASSROOM

Wear a mask or face covering indoors at all times. Your mask or face covering must be properly worn (fully covering nose and mouth and tight-fitting). Mesh masks, face shields, or face covering that incorporates a valve designed to facilitate easy exhalation are not acceptable. If you have a medical condition or a disability that prevents you from wearing a mask or cloth face covering, you must obtain an accommodation from CFAR (Center for Accessibility Resources) to be exempt from this requirement.

State guidelines do not limit class size. Physical distancing accommodations can be made upon request and cleaning supplies are also available for personal use.

Students are strongly encouraged to review the Standards of Student Performance Policy each term. If you are having difficulty or need to talk about your progression, please contact your clinical instructor, faculty advisor or the program director for direction. All quizzes, tests and drug cards are to be completed on time/at the time scheduled in the pharmacology course calendar. Please contact the instructor **prior** to the activities' due date/time if you are ill or need to reschedule.

Writing: The LBCC Nursing Program requires nursing students to utilize APA format for formal papers and selected writing assignments. Nursing students are encouraged to use the following resources for proper formatting and citation of work:

- Publication Manual of the American Psychological Association (7th ed.)
- Purdue Online Writing Lab <http://owl.english.purdue.edu/>

Technology Recommendations: Please see the [recommended list of equipment](#). Students who cannot afford these resources can contact the [Roadrunner Resource Center](#) about funding.

Professional Conduct: If there is an issue that is impairing your educational process, we ask that you first speak to the individual involved. If the issue is not resolved or you have a concern about your progression in the program, please see your nursing faculty advisor as soon as you recognize there is a problem. Unresolved issues can be discussed with the Department Chair or Dean of Healthcare. A copy of the Rights and Responsibilities of LBCC students is available at: <https://www.linnbenton.edu/about-lbcc/administration/policies/student-rights-responsibilities-and-conduct.php>

LBCC Email and Course Communications

You are responsible for all communications sent via Moodle and to your LBCC email account. You are required to use your LBCC provided email account for all email communications at the College. You may access your LBCC student email account through Student Email and your Moodle account through Moodle.

Statement of Inclusion

To promote academic excellence and learning environments that encourage multiple perspectives and the free exchange of ideas, all courses at LBCC will provide students the opportunity to interact with values, opinions, and/or beliefs different than their own in safe, positive and nurturing learning environments. LBCC is committed to producing culturally literate individuals capable of interacting, collaborating and problem-solving in an ever-changing community and diverse workforce.

[Equal Opportunity and Statement of Non-Discrimination](#).

Basic Needs Statement:

Any student who has difficulty affording food or finding a safe and stable place to live, or who needs assistance with resources for transportation, childcare, etc., is urged to

contact the [Roadrunner Resource Center](#) for support and referral to community resources. Also, please talk with your instructor if you are comfortable doing so. This can help them direct you to the appropriate office and resource.

Academic Integrity

Academic integrity is the principle of engaging in scholarly activity with honesty and fairness, and participating ethically in the pursuit of learning. Academic integrity is expected of all learners at LBCC. Behavior that violates academic integrity policies at LBCC includes cheating, plagiarism, unauthorized assistance or supporting others in engaging in academic dishonesty, knowingly furnishing false information, or changing or misusing college documents, among others. LBCC students are responsible for understanding and abiding by the College's academic integrity policy.

Title IX Reporting Policy

If you or another student are the victim of any form of sexual misconduct (including dating/domestic violence, stalking, sexual harassment), or any form of gender discrimination, LBCC can assist you. You can [report](#) a violation of our [sexual misconduct policy](#) directly to our Title IX Coordinator. You may also report the issue to a faculty member, who is required to notify the Coordinator, or you may make an appointment to speak confidentially to our Advising and Career Center by calling 541-917-4780.

Public Safety/Emergency Resources:

In an emergency, call 911. Also, call [LBCC Public Safety and Loss Prevention Office](#) at 541-926-6855 or 541-917-4440.

From any LBCC phone, you may alternatively dial extension 411 or 4440. LBCC has a [public safety app](#) available for free. We encourage people to download it to their cell phones. Public Safety also is the home for LBCC's Lost & Found. They provide escorts for safety when needed. Visit them to learn more.

Disability and Access Statement

LBCC is committed to inclusiveness and equal access to higher education. If you have approved accommodations through the Center for Accessibility Resources (CFAR) and would like to use your accommodations in this class, please contact your instructor as soon as possible to discuss your needs. If you think you may be eligible for accommodations but are not yet registered with CFAR, please visit the [CFAR Website](#) for steps on how to apply for services. Online course accommodations may be different than those for on-campus courses, so it is important that you make contact with CFAR

as soon as possible.

Campus Resources

HOC Library: Open from 8 am - 12 pm Monday through Friday.

Study Rooms: Study rooms available for use. Check with Tonia to make a room reservation.

Lockers: Check in with Karri Byram at the front office if you like to be assigned a locker.

This syllabus and following schedule may be subject to changes at the discretion of the faculty. See weekly learning guides for specific reading requirements. The chapters listed below are the main content covered for the week.

NUR 268D Schedule

(Subject to Change)

	Lecture Time	Content	Assignments	Quizzes/Exams
Week 1	September 29th 1100-1150 Combined	Orientation to NUR268D Medication Safety	“Introduce Yourself” Slide 10/3 @ 2359	
Week 2	October 6th 1130-1220 October 7th 1130-1220	Drugs for Hemophilia (chpt. 54) Drugs for Deficiency Anemia’s (chpt. 55) Hematopoietic Agents (chpt. 56)	Parenteral Medications lesson 10/10 @ 2359	
Week 3	October 13th 1130-1220 October 14th 1130-1220	Antipsychotic Agents (chpt. 31)		Pharm Quiz #1 Opens: Wednesday Due: Sunday 2359
Week 4	October 20th 1130-1220 October 21st 1130-1220	Drugs for Neurodegenerative disorders (Parkinson’s, Alzheimer’s, & MS) (chpt. 21, 22, 23) Muscle spasms and Spasticity (chpt. 25)	Dosage Calc. Practice Assess. (parenteral) 10/24 @ 2359	

Week 5	October 27th 1130-1220 Combined	Cholinergic Drugs (chpt. 14, 15, 16)		Midterm Exam October 28th @ 1400
Week 6	November 3rd 1130-1220 November 4th 1130-1220	Anticancer Drugs I (chpt. 102) Anticancer Drugs II (chpt. 103)	Drug Card check #1 Bring all cards to class this week	
Week 7	November 10th 1130-1220 Combined	Antidysrhythmics (chpt. 49) Management of ST Elevation myocardial Infarction (chpt. 53)	EHR Tutor Case Study 11/14 @ 2359	
Week 8	November 17th 1130-1220 November 18th 1130-1220	Drugs acting on the RAAS (chpt. 44) Calcium Channel Blockers (chpt. 45) Vasodilators (chpt. 46)	Infographic Drug Card Upload to Moodle 11/12 @ 2359	Pharm Quiz #2 Opens: Wednesday Due: Sunday 2359
Week 9	November 24th 1130-1220 Combined	Adrenergic Drugs (chpt. 17, 18, 19)		
Week 10	December 1st 1130-1220 December 2nd 1130-1220	Substance Use Disorders(chpt. 37, 38, 39, 40)	Final Drug Card Check Bring all drug cards to class	ATI Pharmacology Practice Assessment 12/6 @ 2359
Week 11				Comprehensive Final Exam December TBD