

DAKOTA NURSING PROGRAM

Bismarck State College • Dakota College at Bottineau • Lake Region State College • Williston State College

NURS 227 Syllabus - Fall 2026

COURSE: NURS 227: Clinical Applications I

CREDIT HOURS: 4 Semester hours (192 lab/clinical hours)
(144 hours in clinical and 48 hours in lab)
(1 credit of lab/clinical course = 3 contact hours)

COURSE DESCRIPTION:

Participate collaboratively with members of the interdisciplinary health care team to provide safe and culturally sensitive client centered care in the lab, clinical area and simulation lab. Practice parenteral medication therapies and demonstrate professional and leadership competencies while incorporating evidence-based practices and sound nursing judgment.

MEETING TIME:

Clinical: Please see individualized site calendars for your clinical assignments (May be scheduled for days, evenings or weekends).

Lab: as scheduled by faculty for three hours per week. Students are expected to prepare for lab by completing the assignments found on Blackboard each week before lab.

INSTRUCTOR: Jackie Gibbon MS MSN RN CNE

Nursing Instructor

Dakota College at Bottineau, Valley City

101 College Dr SE, Valley City ND 58072

Office Hours: by email

jaquelyn.gibbon@dakotacollege.edu | (701) 845-7683

See local site schedules for the Nursing Director and Clinical Instructors at your location.

PREREQUISITE:

Admission to Dakota Associate Degree Nursing Program

COREQUISITES:

NURS 224, Professional Role Development

NURS 225, Alterations in Health I

NURS 226, Maternal Child Nursing

REQUIRED TEXTBOOKS:

1. Assessment Technologies Institute. (2026). *ATI review package, skills modules, and NCLEX review for RN students*.
2. Harding, M. M., Kwong, J., Hagler, D., & Reinisch, C. (2026). *Lewis's medical-surgical nursing: Assessment and management of clinical problems* (13th ed.). Elsevier.
3. Horntvedt, T. (2023). *Calculating dosages safely: A dimensional analysis approach* (3rd ed.). F. A. Davis.
4. LaCharity, L. A., Kumagai, C. K., & Hosler, S. M. (2025). *Prioritization, delegation, and assignment: Practice exercises for the NCLEX-RN examination* (6th ed.). Elsevier.

DAKOTA NURSING PROGRAM

Bismarck State College • Dakota College at Bottineau • Lake Region State College • Williston State College

5. McKinney, E. S., Murray, S. S., Mau, K., James, S. R., Nelson, K. A., Ashwill, J. W., & Carroll, J. (2022). *Maternal-child nursing* (6th ed.). Elsevier.
6. Snyder, J. S., & Sump, C. A. (2023). *Swearingen's all-in-one nursing care planning resource: Medical-surgical, pediatric, maternity, and psychiatric-mental health* (6th ed.). Elsevier
7. Unbound Medicine. (2026). *Nursing central* (Version 2026) [Mobile app]. Unbound Medicine. (Includes Davis Drug Guide and Davis Lab Guide).

RECOMMENDED/OPTIONAL TEXT:

1. Silvestri, L. A., Silvestri, A. E., & Grimm, J. (2023). Saunders comprehensive review for the NCLEX-RN examination (9th ed.). Elsevier.

SPECIAL TECHNOLOGY UTILIZED BY STUDENTS:

Requirements for each student in this course include-

1. Microphone: any microphone, either internal or external
2. Webcam: 320×240 VGA resolution (minimum) internal or external
 - a. Students will be attending class, meetings, and making recordings so the microphone and webcam need to be in good working order.
3. Desktop or laptop computer. Do not use Google Chromebooks/Microsoft Surface/Android tablet/iPad as they are not supported in all testing environments and in some of the online activities.
4. Printer (optional, for class handouts)
5. Reliable, high-speed internet
6. Desktop Browser – use Google Chrome, Safari, or Mozilla Firefox
7. Access to word processing software that can produce, reading, and saving files in the following formats: .doc, .docx, .pdf, .htm, .html, .rtf, .ppt, .pptx
8. Access to Adobe Acrobat Reader® to open PDF files that are used during the course.
9. Log into the LMS Blackboard daily to keep abreast of course announcements, weekly content, and Grade Center.
10. Successfully navigate and adhere to technology requirements for all instructional platforms utilized in the course.
11. ATI technical requirements: <https://www.atitesting.com/technical-requirements>
12. Blackboard browser support: https://help.blackboard.com/Learn/Student/Ultra/Getting_Started/Browser_Support

PROGRAM AND COURSE SLOS CORRELATED TO LEARNING ACTIVITIES AND EVALUATION METHODS:

NURS 227: Clinical Applications I			
Program Student Learner Outcomes (SLOs)	NURS 227 Course Student Learner Outcomes (SLOs)	Learning Activities	Course SLO Evaluation
TEAMWORK AND COMMUNICATION: Collaborate with clients and members of the interdisciplinary health care team to optimize effective communication, caring behaviors, and management of client	1. Participate in collaborative relationships using effective communication with members of the interdisciplinary healthcare team.	• ATI resources and exams • Skill demonstrations • Lab activities • Clinical/Simulation performance and paperwork • Interdisciplinary Communication • Independent reading	• ATI Exam • Skill return demonstration • Clinical performance evaluation • Clinical reflection in post-paperwork • Client assessment documentation • Clinical Guide, Goals, & Judgement Tool • Simulation lab performance

DAKOTA NURSING PROGRAM

Bismarck State College • Dakota College at Bottineau • Lake Region State College • Williston State College

needs.		• YuJa lectures	• Group and individual presentations
PROFESSIONALISM AND LEADERSHIP: Adhere to professional standards and scope of practice as an associate degree registered nurse while pursuing professional growth and acting as a leader and change agent within legal, ethical and regulatory frameworks.	2. Demonstrate actions and behaviors that are congruent with professional nursing standards including ethical and legal dimensions 3. Demonstrate management and delegation competencies performed in the role of the RN.	• Delegation, Leadership, Management Case Study • Clinical/Simulation performance and paperwork • Professional Values • Ethical/Legal Issues • Management of RN Role • Independent reading • YuJa lectures	• ATI Exam Clinical performance evaluation • Clinical reflection in post-paperwork • Client assessment documentation • Clinical Guide, Goals, & Judgement Tool • Simulation lab performance • Group and individual presentations
CLIENT-CENTERED CARE: Provide culturally competent care and advocate for clients while promoting their self-determination and integrity.	4. Utilize the nursing process and therapeutic communication in caring for clients while providing and advocating for culturally sensitive care that will promote their self-determination and integrity. 5. Incorporate psychosocial, cultural, spiritual, and developmental needs into the plan of care. 6. Incorporate client education regarding health care and safety issues with respect to self-determination.	• ATI resources and exams • Skill demonstrations • Lab activities • Dosage calculations in clinical/lab and on exams • Clinical/Simulation performance and paperwork • Therapeutic Communication, Caring, ADLs, Assessment, Client Education • Independent reading • YuJa lectures	• ATI Exam • Skill return demonstration • Dosage calculation exams • Clinical performance evaluation • Clinical reflection in post-paperwork • Client assessment documentation • Clinical Guide, Goals, & Judgement Tool • Simulation lab performance • Group and individual presentations
EVIDENCE-BASED PRACTICE AND NURSING JUDGEMENT: Implement nursing judgment to make safe, effective, and evidenced-based decisions that integrate science and the nursing process in providing holistic client care.	7. Utilize the nursing process and therapeutic communication in caring for clients while providing and advocating for culturally sensitive care that will promote their self-determination and integrity. 8. Incorporate psychosocial, cultural, spiritual, and developmental needs into the plan of care. 9. Incorporate client education regarding health care and safety issues with	• ATI resources and exams • Skill demonstrations • Lab activities • Dosage calculations in clinical/lab and on exams • Clinical/Simulation performance and paperwork • Clinical reasoning • Prioritization • Independent reading • YuJa lectures	• ATI Exam • Skill return demonstration • Dosage calculation exams • Clinical performance evaluation • Clinical reflection in post-paperwork • Client assessment documentation • Clinical Guide, Goals, & Judgement Tool • Simulation lab performance • Group and individual presentations

DAKOTA NURSING PROGRAM

Bismarck State College • Dakota College at Bottineau • Lake Region State College • Williston State College

	respect to self-determination		
QUALITY IMPROVEMENT AND SAFETY: Incorporate a spirit of inquiry to make evidence based clinical judgments and management decisions to improve the safety and quality of care across a variety of systems.	10. Examine individual performance and system effectiveness to improve the safety and quality of care. 11. Implement safe practices and sound judgment in the administration of medications and treatment. 12. Identify potential/actual client complications and respond appropriately.	• ATI resources and exams • Skill demonstrations • Lab activities • Dosage calculations • Clinical/Simulation performance and paperwork • Client satisfaction • Safety • Independent reading • YuJa lectures	• ATI Exam • Skill return demonstration • Dosage calculation exams • Clinical performance evaluation • Clinical reflection in post-paperwork • Client assessment documentation • Clinical Guide, Goals, & Judgement Tool • Simulation lab performance • Group and individual presentations
INFORMATICS: Integrate current technology to support decision-making and manage information in the delivery of client care.	12. Incorporate appropriate technology to communicate effectively and manage information in the delivery of client care.	• Clinical/Simulation performance and paperwork • Documentation/Confidentiality • Technology – safety Equipment • Independent reading • YuJa lectures	• ATI Exam • Clinical performance evaluation • Clinical reflection in post-paperwork • Client assessment documentation • Clinical Guide, Goals, & Judgement Tool • Simulation lab performance • Group and individual presentations

GRADE BREAKDOWN:

Assignments (ATI form B, ATI Engage Fundamentals, ATI Skill Module, ATI Real Life, Quizzes, Cover Letter & Resume)	5%
ATI proctored exam	5%
Lab skill demonstrations	10%
Exams (math & theory) Proctored math quizzes	10%
Clinical paperwork	35%
Clinical performance	35%
Total	100%

GRADING POLICY:

The following grading scale is used:

92.0 - 100.00 = A

84.0 - 91.99 = B

76.0 - 83.99 = C

68.0 - 75.99 = D

Below 68 = F

There will be no rounding up of grades during the semester.

There is no extra credit offered.

Final exams will not be given early. Plan to be in school until the final day.

DAKOTA NURSING PROGRAM

Bismarck State College • Dakota College at Bottineau • Lake Region State College • Williston State College

COURSE AND POLICY INFORMATION:

Students will read the Dakota Nursing Program student handbook upon admission and submit the signature form showing that the student agrees to follow the expectations and policies found in the handbook.

Material for this course will be posted onto the Blackboard site. It is the student's responsibility to check the course site daily for assignments and communications from faculty. Email and course announcements are used extensively within the Blackboard Learning Management System.

Students are also responsible for knowing their course grade by reviewing the Blackboard gradebook.

MATH REMEDIATION (2026-2027 DNP Student Handbook, p. 40-41):

Math Remediation

1. Proctored Quizzes

- a. The purpose of the proctored math quizzes is to prepare the student to successfully complete math exams.
- b. If a math quiz score is less than 90%, students will remediate.
 - i. Students have two proctored remediation attempts to score 90% or greater on quizzes.
 - ii. Proctored remediation needs to be successfully completed one week from the proctored quiz date.
 - iii. After the second unsatisfactory proctored remediation (<90%) the student meets with faculty and an unsafe occurrence form may be initiated along with a program improvement plan if the student is not showing initiative and effort in the remediation process.
 - iv. Students may be required to make an appointment with a math tutor.
- c. If a student's score is at a very low level (60% or below) on a quiz, **the student** is responsible to contact a lab instructor to set up a meeting for individual directions on following the remediation process as outlined above.

2. Exams

- a. The purpose of the math exams is for the student to show competence in the math aspect of medication administration as a part of safe nursing practice.
- b. If a math exam score is less than 90%, students will remediate.
 - i. Students have two proctored remediation attempts to score 90% or greater on exams.
 - ii. Remediation needs to be successfully completed one week from the proctored exam date.
 - iii. If the student fails to pass the first remediation attempt, an unsafe occurrence along with a program improvement plan will be initiated.
 - iv. If the student fails to pass a math competency exam after three attempts (original exam and two remediation attempts), or does not adhere to the remediation process, failure of the clinical course may result.
- c. The score of the original exam will be the documented gradebook score.

NCLEX REVIEW PROGRAM NURSING REVIEW PROGRAM:

The Dakota Nursing Program requires students to purchase and complete an ATI Nursing Review Program. The program measures students' comprehension and evaluates their knowledge in relation to the most current NCLEX test plan, nursing process, critical thinking, and priority setting.

DAKOTA NURSING PROGRAM

Bismarck State College • Dakota College at Bottineau • Lake Region State College • Williston State College

Please carefully review the “ATI Nursing NCLEX Review Program Policy” as stated in your DNP Nursing Student Handbook.

GRADING:

Course and clinical grades are based on a variety of activities and assignments designated by the faculty. The criteria by which grades for each theory and clinical course are determined are included in course syllabi distributed to students. Students have access to and should review the learning management system grading calculation method.

Students are responsible for knowing what their grades are during the course. Please review the gradebook frequently. If an assignment or exam in the student’s gradebook says the assignment or exam has not been submitted or has not been entered, it is then treated as a fact that the student did not do the assignment or exam unless the student has written proof that they did in fact complete and submit such assignment/exam as outlined in the directions. Make sure your assignments are submitted well before the due date to ensure timely submission.

Please carefully review the following “Grading/Evaluation Policies” as stated in your DNP Nursing Student Handbook.

- Grades, Grading Scale, Clinical Grades, Incomplete Grades
- Progressive Deductions, Active Learning, Artificial Intelligence
- Assignments/Quizzes/Clinical Paperwork, Exams
- Records of Grades
- Clinical Exclusions, Clinical Restrictions, Skills Practice and Skills Check-off
- Guidelines for Simulation
- Nursing Department Etiquette
- Course Study Expectations, Accommodations, and Academic Dishonesty
- Student Role in Evaluation of Teaching, Course, and Program Evaluation

Attendance Policy

- **Purpose:** The Dakota Nursing Program adheres to the college attendance policy outlined in the college catalog. In addition, the program enforces strict attendance policies for classroom, lab, and clinical experiences to ensure students meet course objectives and demonstrate professional responsibility. Consistent attendance is critical to developing the skills necessary for safe and competent nursing practice.
- **Attendance Expectations:** Students are expected to attend all theory, lab, and clinical sessions. Regular and punctual attendance is required, as absences may make it impossible for a student to meet course objectives, potentially leading to course failure.
- Please carefully review the “Attendance Policy” as stated in your DNP Nursing Student Handbook.

Exam and Review/Remediation Procedure

- **Purpose:** To provide testing consistency and an optimal testing environment for all nursing students.
- Please carefully review the “Exam and Review/Remediation Procedure” as stated in your DNP Nursing Student Handbook.

DAKOTA NURSING PROGRAM

Bismarck State College • Dakota College at Bottineau • Lake Region State College • Williston State College

DROP AND WITHDRAW DATES CAN BE FOUND ON YOUR CAMPUS WEBSITE

Students are responsible for knowing the official drop, add, and withdraw dates, which can be found on the campus website. For questions regarding your enrollment status, please contact the campus nursing administrator or the registrar's office.

WEB STREAMING & LECTURE RECORDING

- Platform Overview
The North Dakota University System utilizes Yuja and Blackboard Collaborate for lecture capture and live streaming. These ADA-compliant tools integrate directly with Blackboard and allow you to stream recordings on internet-connected devices.
- Privacy & Recording Notice
Class lectures for the DNP program are recorded and stored within Blackboard. Please be aware that your voice, questions, and in-class presentations may be recorded and made available to other students enrolled in this course. Recordings remain accessible for the duration of the current semester.
- Attendance & Usage
 - Review Tool: Watching recorded streams is highly encouraged for reviewing complex concepts or catching up on missed material.
 - No Attendance Credit: Viewing a web stream does not count as class attendance unless explicitly stated otherwise.

GUEST SPEAKERS:

Guest Speaker Statement: Dakota Nursing Program is committed to presenting timely, innovative educational opportunities for its students. As part of those efforts, DNP faculty may invite guest speakers to address the student members of this course. Under FERPA (Family Educational Rights and Privacy Act) regulations, such guest speakers are considered volunteers who serve a legitimate educational interest to institutional services or functions. For more information, please visit the Department of Education's FERPA Student Privacy webpage at <https://studentprivacy.ed.gov/>

COMMUNICATION:

Students will establish their college email account for program and course communication. Students are responsible for having a working college email account and following campus policies on email and check their email daily during the semester.

- It is the expectation of the Dakota Nursing Program that nursing faculty and students respond in a professional and courteous manner to communications from other faculty or students within 48 hours during a work week.
- Faculty and students must identify themselves **professionally** with each contact (mail, email, or telephone). This includes **first and last name as well as identification of location within the consortium**.
- Use the following link to [Create and add an email signature in Outlook - Microsoft Support](#)