

POLICY NUMBER: III-XXVII

POLICY TITLE: Clinical Math Examination Policy

LEGAL AUTHORITY: Miami Dade College Students' Rights and Responsibilities; Miami Dade College ASN Student Handbook; Benjamín León School of Nursing clinical course requirements; applicable Florida Board of Nursing standards; BLSON Testing Policy.

DATE OF LAST REVIEW: 05/2026

Policy Statement

Students enrolled in clinical nursing courses within the Benjamín León School of Nursing at Miami Dade College are required to successfully complete all assigned Clinical Math Examinations as a condition for participation in clinical activities and successful progression within the nursing program.

The Clinical Math Examination is intended to evaluate the student's ability to safely perform medication dosage calculations and apply mathematical principles necessary for safe patient care. Students must demonstrate competency in medication calculation skills consistent with nursing practice standards and program expectations.

Failure to successfully complete the Clinical Math Examination requirements may result in remediation requirements, restricted clinical participation, unsuccessful clinical performance, delayed progression, or additional corrective action as determined by the Benjamín León School of Nursing.

Purpose

The purpose of this policy is to establish standardized expectations regarding Clinical Math Examination administration, remediation requirements, testing procedures, student accountability, and progression standards within the Benjamín León School of Nursing.

The Clinical Math Examination is designed to:

- Promote safe medication administration practices.
- Assess student competency in dosage calculations and medication-related mathematics.
- Ensure students demonstrate the mathematical proficiency necessary for safe clinical practice.
- Identify students requiring remediation and additional academic support.
- Support patient safety, clinical readiness, and professional nursing standards.

Procedure

Clinical Math Examination Requirements

Examination Administration

- Clinical Math Examinations may be administered at the beginning of a clinical course, prior to clinical participation, or at other designated times determined by faculty or program administration.
- Faculty reserves the right to administer Clinical Math Examinations in a proctored environment in accordance with the BLSO Testing Policy.
- Students must adhere to all testing instructions and approved testing procedures.
- Only approved calculators or materials authorized by faculty may be used during the examination.

Passing Standard

- The required passing score for the Clinical Math Examination is determined by the course syllabus and/or program requirements.
- Students must demonstrate competency consistent with safe medication administration standards.

Attempts

- Students are permitted two (2) attempts to successfully complete the Clinical Math Examination unless otherwise specified by program policy or course requirements.
- The second attempt will occur on a designated date established by the course faculty or nursing administration.

Remediation Requirements

Students who are unsuccessful on the initial Clinical Math Examination attempt will be required to complete remediation activities prior to the second examination attempt.

Remediation activities may include:

- Faculty-directed tutoring
- Clinical math workshops
- Dosage calculation practice assignments
- ATI or electronic learning modules
- Individualized remediation plans
- Faculty conferences or academic coaching sessions

Additional remediation requirements may be assigned based on student performance and identified deficiencies.

Second Attempt Requirements

Students who are unsuccessful on the first attempt must:

- Complete all assigned remediation requirements before being permitted to complete the second attempt.
- Attend all required tutoring sessions, workshops, or remediation activities assigned by faculty or administration.
- Demonstrate professionalism and active participation throughout the remediation process.

Failure to complete required remediation activities may result in ineligibility for the second examination attempt.

Clinical Progression Expectations

Successful completion of the Clinical Math Examination is required to support safe participation in clinical activities.

Students who are unsuccessful after the second attempt may:

- Be assigned additional remediation requirements
- Be subject to restricted clinical participation
- Receive an unsuccessful clinical evaluation where permitted by course or program requirements
- Become ineligible for progression in accordance with course and program standards

Student Expectations and Accountability

Students are expected to:

- Arrive on time and prepared for all Clinical Math Examinations and remediation activities.
- Demonstrate professionalism throughout all testing and remediation processes.
- Complete all assigned remediation activities by designated deadlines.
- Maintain academic integrity during all examinations and assignments.
- Refrain from sharing examination content or violating testing security procedures.
- Utilize remediation opportunities responsibly to improve competency and promote safe patient care.

Failure to comply with testing integrity standards may result in disciplinary action in accordance with College and School of Nursing policies.

Mandatory Compliance

Compliance with this policy is mandatory. Students assigned Clinical Math Examination requirements and remediation activities must complete all components as directed by faculty and program administration.

Failure to comply with this policy may affect:

- Clinical participation eligibility
- Course success
- Clinical evaluation outcomes
- Academic standing
- Program progression eligibility

Consequences for Noncompliance

Consequences are outlined in escalating tiers based on the severity and frequency of noncompliance.

Tier 1: Initial Noncompliance

- Written notification of noncompliance
- Meeting with course faculty and/or Department Chairperson
- Assignment of additional remediation activities
- Required completion of remediation within a specified timeframe

Tier 2: Repeated or Significant Noncompliance

- Mandatory meeting with the Department Chairperson and/or designated nursing administrator
- Formal warning documented in the student record
- Placement on remediation status or administrative probation
- Additional faculty-directed remediation or academic intervention

Tier 3: Persistent or Egregious Noncompliance

Students may face further academic or disciplinary action in accordance with Miami Dade College and Benjamín León School of Nursing policies.

Potential consequences may include:

- Restricted clinical participation
- Ineligibility for progression
- Unsuccessful clinical performance evaluation
- Course failure where permitted by program requirements
- Administrative probation
- Dismissal from the nursing program following appropriate review and due process

Examples of Allowable Penalties

Mandatory Remediation

Students may be required to complete additional tutoring, workshops, dosage calculation assignments, faculty-developed remediation, or testing interventions before returning to clinical activities.

Restricted Clinical Participation

Students may be prohibited from participating in clinical experiences until Clinical Math Examination requirements are successfully completed.

Administrative Probation

Students may be placed on administrative probation for a designated period during which strict compliance with all program requirements is expected.

Program Dismissal

Repeated or serious noncompliance may result in dismissal from the Benjamín León School of Nursing in accordance with established College procedures.

Alignment with Institutional Policies

This policy aligns with the Miami Dade College Student Handbook and applicable Benjamín León School of Nursing policies related to:

- Academic accountability
- Clinical safety
- Medication administration competency
- Professionalism
- Student remediation
- Testing integrity
- Academic progression
- Corrective action procedures

Participation in Clinical Math Examination and remediation activities demonstrates a student's commitment to safe nursing practice, professional responsibility, patient safety, and the standards of the Benjamín León School of Nursing.

References

Miami Dade College Students' Rights and Responsibilities

Miami Dade College ASN Student Handbook

BLSON Testing Policy

Applicable clinical course syllabi and requirements

Florida Board of Nursing standards

Existing BLSON remediation and progression policies