

## DOSAGE & CALCULATION POLICY

1. Students must demonstrate competency in dosage and calculation skills in each semester they are enrolled in clinical course(s).
2. Competency must be established prior to administering medications.
3. Competency in dosage and calculation skills will be established by a score of 85% on dosage.
4. Each exam will consist of 20 problems. In accordance to NCLEX-RN Testing guidelines, students should be able to answer a question in 1.5 minutes. Due to the entire exam consisting of Dosage and Calculation questions, 3 minutes per question will be allotted. The complexity of the problems will be determined by the level of skills needed to administer medications safely in each clinical course.
5. The math exam will be linked with the following courses:
  - NRSE 2351
  - NRSE 3170
  - NRSE 3501
  - NRSE 3901
  - NRSE 3541
  - NRSE 4551
  - NRSE 4611
  - NRSE 4613
6. Initial Exam:
  - a. Dosage & Calculation skills are introduced in the first and second semesters.
  - b. After the second semester, initial testing should occur during the first two weeks of the semester for all clinical courses.
  - c. Students who do not establish competency on the initial exam will be required to complete a remediation plan and submit proof of remediation at the time of the retake exam.
  - d. It is the student's responsibility to coordinate remediation.
7. Remediation Plan
  - a. **Students who do not pass the initial exam are required to complete additional practice problems.**
  - b. Students who do not pass the initial exam are required to meet with designated faculty for math remediation or an approved math tutor.
  - c. Remediation sessions may include review of initial test, review of completed practice problems, and additional practice to address identified problem areas.
8. Retake Exam
  - a. Students must submit proof of a completed remediation to be admitted to the retake exam.
  - b. The retake exam should occur within two weeks of the initial exam.
  - c. Students who are not successful on the retake exam are required to withdraw from clinical courses or receive a grade of F for the clinical course.
9. Students who do not attend a scheduled math exam will forfeit the testing opportunity, which will be assessed as an unsuccessful attempt. Extenuating circumstances will be assessed on an individual basis by the faculty member.
10. Students who fail to establish competency will not be permitted to administer medications in the clinical setting, thus not meeting clinical course requirements. Failure to meet clinical course requirements will result in clinical course failure.