

North Carolina End-of-Course Biology, English II, NC Math 1, and NC Math 3 Assessment Brief



Purposes of the Tests

The end-of-course (EOC) tests are used to sample a student's knowledge of subject-related concepts as specified in the North Carolina *Essential Standards* for Biology and the North Carolina *Standard Course of Study* (NCSCOS) for English II, NC Math 1, and NC Math 3 to provide a global estimate of the student's mastery of the material in the content area.

Eligible Students

According to [16 N.C. Admin. Code 06D .0309](#):

- public school students who are enrolled for credit in courses in which EOC tests are required shall take the appropriate EOC test at the completion of the course;
- public school students who are exempt from final exams by local board of education policy shall not be exempt from EOC tests;
- public school students shall take the appropriate EOC test the first time the student takes the course requiring the test;
- public school students shall take the appropriate EOC test at the end of the course regardless of the grade level in which the course is offered;
- public school students who are identified as failing a course for which an EOC test is required shall take the appropriate EOC test; and
- all eligible students shall participate in the administration of EOC tests (standard administrations with or without accommodations or an alternate assessment).

Students enrolled in AP Biology, IB Biology, Cambridge Biology II, Biology II, and General Biology II courses must be administered the EOC Biology Test at the completion of the course with the exception of students who have (1) previously obtained a test score from the EOC test or (2) transferred from out-of-state or from a nonpublic school in which the principal authorized course credit for having participated in the test by recording the appropriate reason code in PowerSchool. Students meeting these exceptions are not eligible to take the EOC test.

Students enrolled in courses that require the administration of the EOC test but have not obtained a proficient score on the EOC test prior to enrolling in the course must take the appropriate EOC test at the completion of the course.

Students enrolled in courses that require the administration of the EOC test and who have obtained a proficient score previously on the EOC test may use the proficient EOC score as at least twenty percent of their final grade, or they may elect to retake the appropriate EOC test at the completion of the course and use the most recent score for the final grade calculation.

Students enrolled in a credit recovery course may be administered the associated EOC test no later than thirty days upon the completion of the credit recovery course.

Testing Formats

All EOC tests are required online administrations unless a paper format is necessary for students with a documented accommodation that dictates a paper test format is necessary for accessibility.

Testing Window

Test administrators must administer the EOC test during the last five days (4x4, semester courses, and summer school) or the last ten days (traditional yearlong schedule) of the instructional period. Any student absent (i.e., not present) from the test administration must make up the test. The public school unit (PSU) test coordinator specifies how makeup tests are handled at the school and schedules dates and times for completing makeup tests in each school so that all makeups are completed within the five- (semester) or ten-day (yearlong) testing window.

Administration Time

The standard time is the amount expected for most students to complete an EOC test. However, students are allowed up to the maximum time to complete each EOC test. No test administration may exceed maximum time (except for students with documented accommodations, such as Scheduled Extended Time). The tests must be administered in one school day (except for students with documented accommodations, such as Multiple Testing Sessions). Schools must ensure all students participating in the Biology, English II, NC Math 1, and NC Math 3 tests be allowed ample opportunity to complete the tests. If students are engaged and working, and the maximum time allowed has not been reached, students must be given time to complete the test.

The table below shows the standard and maximum times for each EOC test.

Administration	Standard Time (Minutes)	Maximum Time Allowed (Minutes)
Biology Test	120	
2 Two-Minute Breaks	4	
General Instructions	12	
Totals	136	180
English II Test	150	
2 Two-Minute Breaks	4	
General Instructions	12	
Totals	166	240
NC Math 1 Test	180	
2 Two-Minute Breaks	4	
General Instructions	12	
Totals	196	240
NC Math 3 Test	180	
2 Two-Minute Breaks	4	
General Instructions	12	
Totals	196	240

Biology EOC

- Test questions are designed, developed, and classified to ensure that the cognitive rigor of the operational test forms align to the cognitive complexity and demands of Revised Bloom’s Taxonomy and the science standards. These questions require students recall information, apply concepts and skills, and make decisions. The unifying concepts assessed include
 - Structure and Function of Living Organisms
 - Ecosystems
 - Evolution and Genetics
 - Molecular Biology

English II EOC

- Test questions are designed, developed, and classified to ensure that the cognitive rigor of the operational test forms align to the cognitive complexity and demands of the English Language Arts Reading standards. Students not only recall information, but also apply concepts and skills, make decisions, and explain or justify their thinking. The standards assessed include

- Reading (Informational and Literary)
- Language

NC Math 1

- The NC Math 1 test consists of both a calculator inactive section (calculators are not permitted) and a calculator active section (calculators are permitted).
- Test questions are designed, developed, and classified to ensure the cognitive rigor of the operational test forms align to the cognitive complexity and demands of the mathematics standards. These questions require students to not only recall information but also to apply concepts and skills and make decisions. The conceptual categories assessed include
 - Number and Quantity and Algebra
 - Functions
 - Geometry
 - Statistics and Probability

NC Math 3

- The NC Math 3 test consists of all calculator active questions (i.e., calculators are permitted).
- Test questions are designed, developed, and classified to ensure the cognitive rigor of the operational test forms align to the cognitive complexity and demands of the mathematics standards. These questions require students to not only recall information but also to apply concepts and skills and make decisions. The conceptual categories assessed include
 - Number and Quantity and Algebra
 - Functions
 - Geometry
 - Statistics and Probability

EOC Results Used as Twenty Percent of the Final Grade

[16 N.C. Admin Code 06D .0309](#) states that “public schools shall use results from all operational EOC tests as a minimum of twenty percent (20%) of the student’s final grade for each respective course with the exception of students following the Occupational Course of Study Pathway; EL students in their first year in a U.S. school; and all students enrolled in a course during the initial implementation year of the new test for that course where scores are not immediately available due to standard setting. For these exceptions, schools shall adopt policies regarding the use of EOC assessment results in assigning final grades.”

Withdrawal from an EOC Course

Per [16 N.C. Admin. Code 06D .0309](#), "Public school students may drop a course with a required EOC assessment within the first 10 days of enrollment in a semester block schedule or within the first 20 days of enrollment in a yearlong traditional schedule. Students who are enrolled for credit after the 10/20 days, regardless of course delivery (e.g., traditional classroom, NC Virtual Public School, vendor-based online) shall not drop a course with a required EOC assessment and shall participate in the appropriate EOC assessment at the completion of the course."

Any changes in EOC enrollment after the tenth or twentieth day must follow the Process for Notification of Withdrawals found in the *Annual Testing Program and Accountability Requirements* memo. All notifications of withdrawals are to be submitted in accordance with the memo. Any necessary schedule changes for EOC enrollment should take place following notification of the decision from the Office of Accountability and Testing.

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