Mathematics Placement Processes and Recommendations for Dual Enrollment Students

Eligibility to Take Mathematics Courses as a Dual Enrollment Student

Dual Enrollment (DE) students may not enroll in collegiate math courses until they have successfully completed the three Georgia DOE-required high school math courses:

Coordinate Algebra or Algebra I

Analytic Geometry or Geometry

Algebra II

College mathematics courses taken through DE are only allowed to substitute for the 4th math unit required by both the Georgia DOE and the University System of Georgia. One of the challenges is that students have to apply for DE relatively early and they may not have completed Algebra II at the time of application. High School (HS) Counselors are supposed to be able to state that the student will have completed the HS math requirement prior to enrolling in a DE math course. However, the ultimate responsibility for ensuring that students have met requirement.

The core curriculum mathematics courses available t being a DE student does not guarantee that students these courses.

First Collegiate Mathematics Courses (Mathemati

MATH 1001 Quantitative Reasoningumber for this

Eligibility to enroll in MATH 1001 Quar

be admitted to DE will also allow students to be placed in one of these entry-level mathematics courses: MATH 1001 Quantitative Reasoning or MATH 1101 Introduction to Mathematical Modeling, or MATH 1401/STAT 1401 Elementary Statistics.

If institutional criteria to enroll in these courses without Corequisite Learning Support are set higher than the Dual Enrollment admission criteria, students will have to be individually evaluated for eligibility to take these courses. Students who do not meet the criteria to exempt Corequisite Learning Support for these courses may not take MATH 1001, 1101, or 1401 and will not be eligible to take any other entry-level USG Mathematics Domain college mathematics courses.

While these courses are the "default placement" for DE students, they may not the **_best_** placement for all students. **DE students should also be evaluated for possible placement in higher level mathematics courses**, especially if they are planning on careers or majors that will require calculus.

Eligibility to enroll in MATH 1111 College Algebra

Students must meet institutional test score requirements for placement in MATH 1111 College Algebra. These are higher than the requirements to enroll in MATH 1001, MATH 1101, or MATH/STAT 1401. DE students whose scores would not exempt them from the Corequisite Learning Support requirement for MATH 1111 College Algebra will not be allowed to enroll in that course. Students whose SAT or ACT scores are not high enough for placement into MATH 1111 may be advised tow

MATH 1111 College Algebra

College Algebra is designed to prepare students for calculus and is not the best mathematics course for students who will not subsequently be taking a calculus course. MATH 1111 College Algebra may be an appropriate first mathematics course for students who plan to major in business, as some business programs require calculus. Students planning to major in science, technology, engineering, or mathematics should take MATH 1111 as a first college mathematics course **only** if they do not place directly into a higher mathematics course

MATH 1112 College Trigonometry or MATH 1113 Precalculus or Calculus

Recommended First Math Course for Business Majors			
MATH 1001 Introduction to Mathematical Modeling or MATH 1111 College Algebra	**MATH 1111 College Algebra**	**MATH 1113 Precalculus**	**MATH 1551* Differential Calculus and MATH 1552* Integral Calculus** * The transfer course number may vary
Clayton State University College of Coastal Georgia Dalton State College East Georgia State College Georgia Southwestern State University Middle Georgia State University	Albany State University Atlanta Metropolitan State College Augusta University Columbus State University Fort Valley State University Georgia College & State University Georgia Highlands College Georgia Southern University Gordon State College Kennesaw State University South Georgia State College Savannah State University University of North Georgia University of West Georgia Valdosta State University	University of Georgia	Georgia Institute of Technology