



South Carolina Public Charter School District Guidance on Meeting the SC Graduation Requirements For High School Mathematics

Updated July 2015

This document is intended to supplement, not replace, SC State Board of Education regulations and SC Department of Education policies. Below are links to those documents in their entirety:

- [Complete State Board of Education Regulations](#)
- [Regulation 43-234 Defined Program, Grades 9-12 & Graduation Requirements](#)
- [Regulation 43-262.4 End-of-Course Tests](#)
- [South Carolina College- and Career-Ready Standards for Mathematics](#)
- [Activity Coding System](#)
- [Uniform Grading Policy](#)

State Board Regulations indicate that students must earn 4.0 credits of mathematics to earn a high school diploma. [Appendix A](#) lists all mathematics courses that are approved for the 2015-16 school year and may count towards the four-credit requirement. Credits appearing on student transcripts must use these course titles and corresponding codes.

Course Progressions

The charts below illustrate the state-recognized mathematics course sequences:

Pathway 1

Algebra 1	Geometry or Algebra 2	Algebra 2 or Geometry	Fourth Course Options 1. Pre-Calculus 2. Prob & Stats 3. AP Prob & Stats 4. Discrete Math 5. Algebra 3 6. Dual-Enroll Math	Accelerated Pathway Fifth Course Options 1. Calculus 2. AP Calculus 3. Prob & Stats 4. AP Prob & Stats 5. Discrete Math 6. Pre-Calculus 7. Dual-Enroll Math
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Pathway 2

Foundations in Algebra	Intermediate Algebra	Geometry	Fourth Course Options 1. Algebra 2 2. Prob & Stats 3. Discrete Math 4. Dual-Enroll Math
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Notes on Course Progressions:

- Students must take the state-mandated Algebra 1 End-of-Course (EOC) Assessment at the completion of Algebra 1 (Pathway 1) or Intermediate Algebra (Pathway 2). The exam score counts 20 percent of the student's final grade in the course.
- Students may not enroll in Foundations in Algebra prior to high school.
- Students who successfully complete Foundations in Algebra must subsequently enroll in Intermediate Algebra. Due to significant duplication of content, students may not earn two mathematics credits for Foundations in Algebra and Algebra 1.
- Students who have a final average of D in Algebra 1 may subsequently enroll in Intermediate Algebra. Students on this path must re-take the Algebra 1 EOC at the completion of Intermediate Algebra.
- To meet South Carolina Commission on Higher Education's college preparatory course prerequisite requirements, college freshmen entering a four-year public institution of higher education during or after the 2019-20 academic school year must successfully complete Algebra 1, Algebra 2, Geometry, and an additional mathematics course above the Algebra 2 level. (See www.che.sc.gov for more information.)
- Schools may develop additional courses to address further exploration of mathematical concepts and applications in real-life situations. These courses must be **approved** by the SCDE before graduation credit can be awarded.

Obsolete and Phased-Out Course Codes

Page 68 of the [Activity Coding Manual](#) contain a complete listing of courses and course codes that have been made obsolete by the SCDE. Schools must **discontinue** use of these codes:

Course	Course Code	Course	Course Code
Remedial Mathematics I	3101	General Mathematics II	3112
Remedial Mathematics II	3102	General Mathematics III	3113
Compensatory Mathematics	3105	Computer Mathematics	3151
General Mathematics I	3111	Calculus (code reassigned)	4141

The following courses have been or will be phased out due to the adoption of new mathematics standards. Schools must **discontinue** use of these codes according to the schedule below:

Course	Course Code	Last Year Taught
Mathematics for the Technologies 1	3141	2014-15
Mathematics for the Technologies 2	3142	2015-16
Mathematics for the Technologies 3	3143	2016-17
Mathematics for the Technologies 4	3144	2017-18
Fundamental Math 1	3150	2015-16
Fundamental Math 2	3151	2016-17
Fundamental Math 3	3152	2017-18
Fundamental Math 1B	3154	2015-16
Accelerated Math 1	3155	2015-16
Accelerated Math 2	3156	2016-17
Accelerated Math 3	3157	2017-18

Retaking a Course

A student in grades 9-12 may retake a course if he or she earned a D or an F in that course. The student's record will reflect all courses taken and the grades earned. The course may only count as ONE of the four required math credits.

A student who took a credit-bearing course in middle school may retake that course regardless of the grade earned. Only the retake grade will be used in figuring the student's GPA, and only the retake attempt will show on the transcript. This rule will apply whether the retake grade is higher or lower than the grade previously earned.

Transfer Students

A student who transfers into the school should be placed in one of the course progressions above based on a review of the student's official transcript. Credits from an accredited school must be accepted. Credits from a non-accredited school may be accepted as-is, the school may require a placement exam, or the student may be given a tentative course placement for a probationary period.

The school may accept an Algebra 1 (or equivalent) credit from another school without verifying that the student took the EOC exam at that school. The school may choose to administer the EOC (for placement purposes) to a student transferring from a non-accredited school, with the understanding that the student's score will be included in the school's accountability ratings.

If a transfer student's official transcript indicates a math course progression that does not align to any of the state-recognized sequences, the school may request a transcript review by the district's Academic Services Division to ensure the student will meet the graduation requirements. The request must be made in writing and must include a copy of the transcript and a detailed description of the school's concern.

Appendix A

The following mathematics courses and corresponding course codes are approved by the SCDE and the SC Public Charter School District. Refer to the [Activity Coding System](#) for the most recent listing.

Course Title	Course Code
Mathematical Studies SL	311B
Mathematics HL-1	311D
Mathematics HL-2	311E
Mathematics SL	311F
IB Mathematical Studies SL Seminar (Honors Weight)	311G00HW
IB Further Mathematics SL Seminar (Honors Weight)	311H00HW
IB Mathematics SL Seminar (Honors Weight)	311I00HW
Further Mathematics HL 1	311J00IW
Further Mathematics HL 2	311K00IW
Mathematics for the Technologies 2 (phased out 2016–17) 2015-2016 is the last year taught	3142
Mathematics for the Technologies 3 (phased out 2017–18) 2016-2017 is the last year taught	3143
Mathematics for the Technologies 4 (phased out 2018–19) 2017-2018 is the last year taught	3144
Algebra 3	4113
SCCC Algebra 1	4114
SCCC Algebra 2	4115
SCCC Geometry	4122
Foundations in Algebra	4116
Intermediate Algebra	4117
Pre-Calculus	4131
Dual Enrollment Quantitative Reasoning (MAT 103)	311500EW
Dual Enrollment College Algebra with Modeling (MAT 109)	415900EW
Dual Enrollment College Algebra (MAT 110) (MATH 111)	413300EW
Dual Enrollment College Trigonometry (MAT 111)	413400EW
Calculus	4135
Dual Enrollment Analytical Geometry and Calculus I (MAT 140)	413600EW
Dual Enrollment Analytical Geometry and Calculus II (MAT 141, MAT 212)	413700EW
Dual Enrollment Analytical Geometry and Calculus III (MAT 240) (MATH 260, MATH 232)	413800EW
Dual Enrollment Elementary Calculus (MAT 130)	413900EW
Dual Enrollment Contemporary Mathematics (MAT 155)	414000EW
AP Mathematics Preparation Lab (not weighted as AP)	3149
Fundamental Math 1 (phased out 2016–17) 2015–2016 is the last year taught	3150
Fundamental Math 2 (phased out 2017–18) 2016–2017 is the last year taught	3151
Fundamental Math 3 (phased out 2018–19) 2017–2018 is the last year taught	3152
Fundamental Math 1B (phased out 2016–17) 2015–2016 is the last year taught	3154
Accelerated Math 1 (honors weight) (phased out 2016–17) 2015–2016 is the last year taught	3155
Accelerated Math 2 (honors weight) (phased out 2017–18) 2016–2017 is the last year taught	3156
Accelerated Math 3 (honors weight) (phased out 2018–19) 2017–2018 is the last year taught	3157

Advanced Placement Calculus AB	4170
Advanced Placement Statistics	4171
Advanced Placement Calculus BC	4172
Dual Enrollment Contemporary Math (MAT 155)	414000EW
Probability and Statistics	4141
Discrete Mathematics	4142
Dual Enrollment Probability and Statistics (MAT 120)	414300EW
Dual Enrollment PreCalculus (MAT 112) (MATH 115)	414400EW
Dual Enrollment PreCalculus II (MAT U127)	416300EW
Dual Enrollment Calculus (MAT 201)	414500EW
Dual Enrollment Differential Equations (MAT 242) (SMTH 245)	414600EW
Dual Enrollment Introduction to Statistics (STAT 110) (MAT 200)	414700EW
Dual Enrollment Advanced Statistics (MAT 220)	414800EW
Dual Enrollment Introductory Statistics (EXST 301) (STAT 201)	414900EW
Dual Enrollment Math for Elem. Education I (MAT 211) (MAT 137) (MTH SC 115)	313200EW
Dual Enrollment Math for Elem. Education II (MAT 212) (MAT 136) (MTH SC 116) (MAT 251)	313300EW
Dual Enrollment Linear Algebra I (MATH 344)	415100EW
Dual Enrollment Algebra, Geometry, & Trigonometry I (MAT 170)	415200EW
Dual Enrollment Finite College Mathematics (MAT 122, MATH 170)	415500EW
Dual Enrollment Introduction to Discrete Math (MATH 174)	416000EW
Dual Enrollment Modeling for Scientists I (MATH 242)	415600EW
Dual Enrollment Combinatorics (MATH 307)	416100EW
Dual Enrollment Regression Analysis (STAT 315)	415700EW
Dual Enrollment Experimental Design (STAT 316)	415800EW
Dual Enrollment Categorical Data Analysis (STAT 319)	416200EW
SAT Preparation, Math	4150
Mathematics, LBA*	3199__

*Use of the Local-Board-Approved (LBA) code 3199 requires approval of the District Superintendent, the School Board, and the State Superintendent of Education. Schools that wish to design a course aligned to the state academic standards and award graduation credit must follow the procedures outlined on the SCDE website: <http://ed.sc.gov/agency/programs-services/126/>. Approval for such courses must be renewed annually prior to June 1.