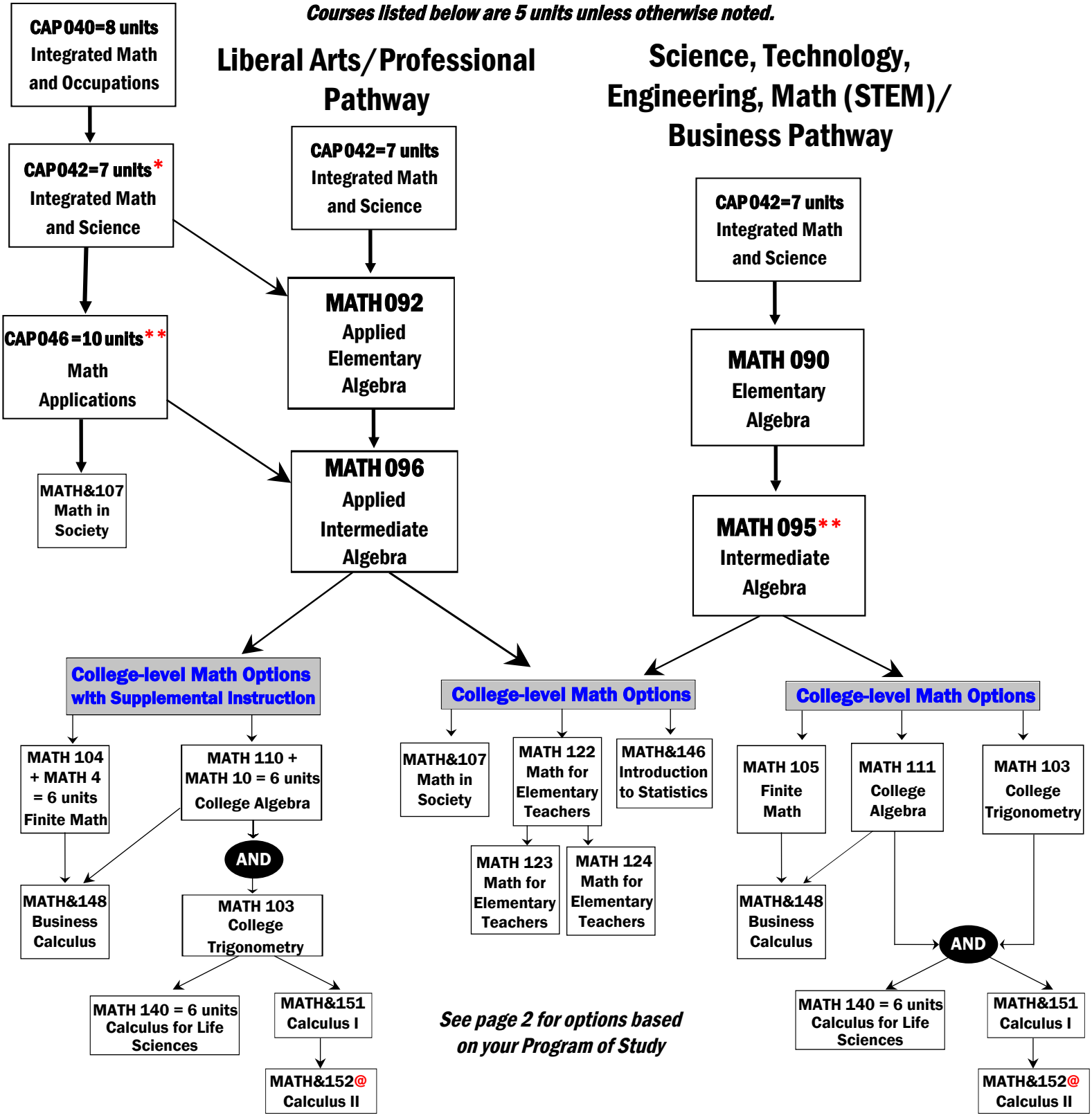
Transfer Pathway Math Placement and Progression based on placement scores

Mathematics Courses

NOTE: Students must pass each graded course with a "C" grade or higher to be eligible for the next sequential class.

Courses listed below are 5 units unless otherwise noted.



See page 2 for options based on your Program of Study

* Successful completion of CAP 042 also allows entry into: PTCS 110, NTEC 103, ENVS 109, BUS 102, MA 103

** Successful completion of CAP 046 also allows entry into: MATH 95; entry into MATH&107 requires a B grade or higher

@ See an Advisor for Math options beyond Calculus II

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Transfer Pathway
Math Options

Be especially careful in selecting your Math classes. Read the descriptions below. Different Math classes are required, depending on what you might choose as a major.

MATH 103 (COLLEGE TRIGONOMETRY): Engineering students and many Science students are required to take this course. This course, along with Math 110, is a prerequisite for Math& 151 (Calculus I). Students pursuing the supplemental math instruction sequence will take MATH 110 before they are eligible to take MATH 103.

MATH 105 or MATH 104 (FINITE MATHEMATICS): This course is applications-oriented and is required of most Business students and Economics students. Students in Computer Science and the Social Sciences may find much of the material useful as well. MATH 104 covers the same topics as finite mathematics (MATH 105), with additional instructional time spent on essential pre-college topics which are not covered in the applied algebra sequence (MATH 92, MATH 96).

M**ATH& 107 (MATH IN SOCIETY):** This course is designed for Liberal Arts students. Math& 107 students should have a solid knowledge of the basic material covered in elementary and intermediate algebra courses and should be prepared to use this material without extensive review during this course.

MATH 111 or MATH 110 (COLLEGE ALGEBRA): This is a challenging, demanding, technical, fast-paced course designed for students who have a strong background in elementary and intermediate algebra. It is primarily intended for students who will major in Mathematics, Engineering, Computer Science or the Physical Sciences. This course, along with Math 103, is a prerequisite for Math& 151 (Calculus I). Covers the same topics as college algebra (MATH 111), with additional instructional time spent on essential pre-college topics which are not covered in the applied algebra sequence (MATH 92, MATH 96).

MATH 122 (MATHEMATICS FOR ELEMENTARY TEACHERS): This course studies elementary mathematics from an advanced viewpoint, and includes substantial writing and problem solving components. This is the first term of a specialized and rigorous course sequence designed for students who are preparing to become elementary school teachers.

MATH& 146 (INTRODUCTION TO STATISTICS): This course is appropriate for students in Education, Journalism, Technical Writing, Health Sciences, Social Sciences, and Physical Sciences. It covers basic topics from descriptive statistics, inferential statistics, and probability. This course is highly recommended if you plan to pursue any Health Science or BAS programs at Clark College.