ALBUQUERQUE PUBLIC SCHOOLS

Early College Academy
Career Enrichment Center
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ECA Math Placement Policies and Math Class Progression Flow Chart

Incoming 9th Grade Math Placement Policies

- Students who wish to begin their ECA math education in high school level Algebra I may enroll without any placement test.
- Students who wish to enroll in any math class above the level of Algebra I (including Honors Algebra I) must successfully pass the placement test offered by ECA. Further information on the math placement tests and passing grade information is below.
- Test dates will be publicized and given in groups. Any student who does not attempt a placement test or does not pass the placement test will be enrolled in Algebra I the fall semester of their 9th grade year.

10th-12th Grade Math Placement Policies

- Students who are on the honors class path: You may enroll in the next level of honors class if your most recent honors math semester average grade is 84% or higher. (Ex: Spring semester Honors Geometry grade of 84%=eligible for Honors Algebra II/Trigonometry)
- Any student who is completing an honors math class and ends the semester with an average of less than 84% has two options:
  - The student can proceed to the next level of math class, but at the standard level and not the honors class equivalent.
  - The student can opt to complete the next honors-level placement test. They must attend one of the scheduled testing sessions (below). If that student earns a passing grade on the placement (see below), they may enroll in the next honors-level class. If a non-passing grade is acquired by the student, that student will be enrolled in the next standard-level math class offered at ECA.
- Students who are taking standard-level math classes but want to accelerate their enrollment to the next honor-level math class (ex: Algebra I to Honors Geometry) can complete the math placement test for the next level of honors math classes at one of the testing sessions. Any student who earns a passing grade on the placement test can enroll in the next level of honors math classes for the following school year. Further information on the math placement tests and passing grade information is below.
- ECA offers three different 4th-year math classes. For students enrolling in 4th-year math classes, any student may enroll in Transitions to College Math or AP Statistics, as long as that student has successfully completed both semesters of either Algebra II or Honors Algebra II/Trigonometry. Students wishing to enroll in the AP Calculus AB class must either have successfully completed ECA's Honors Algebra II/Trigonometry class with a final average of 84% or higher, or the student must successfully pass the AP Calculus AB placement test.
- Any student enrolled in an honors-level math class that is too challenging for that student may follow ECA policy to change the math class enrollment to a standard-level equivalent level of math class.

Math Placement Test Information and Passing Grade Information

- The purpose of the math placement testing is to ensure students are placed in math classes that are appropriate for their current academic skills. Math placement tests were designed and reviewed/edited by ECA math teachers to ensure the tests themselves aligned to the curriculum taught at Early College Academy.
- The following math placement tests are offered at ECA:
    - Honors Algebra I
    - Honors Geometry
    - Honors Algebra II and Trigonometry
    - AP Calculus AB
- All math placement tests are graded by ECA math faculty in a method to ensure equity in grading.
- Math placement grading results will fall into three categories:
    - 65% to 100% - Students whose placement test grades fall in this range will be considered eligible to enroll in the next level of honors/AP math class.
    - 45% to 64%– Partial knowledge with reinforcement needed; Students whose placement test falls in this range lack some math skills necessary to succeed in the next level of honors/AP math class. Students in this score range can proceed with one of the following paths:
        - Student can enroll in the next standard-level math class instead of the next honors/AP math class.
        - Any student still wishing to enroll in the next honors/AP math class can request a meeting with the ECA math testing representative. In this meeting, the results of the test will be discussed along with the areas of knowledge the student needs to reinforce to succeed in the next level of honors/AP math class. This may include additional non-credit coursework over the summer. Student will be expected to complete those actions and provide evidence of completion to ECA in early August. This may also include a retake of the ECA math assessment.
    - 44% or lower (Not passing) – Students whose placement score falls in this range have not yet acquired the skills needed for the next honors/AP math class. Student will need to enroll in the next standard-level math class instead of the next honors/AP math class.

Please refer to the ECA Math Course Progression Chart on Page 3 for potential pathways of study for mathematics.

Patrick Arguelles
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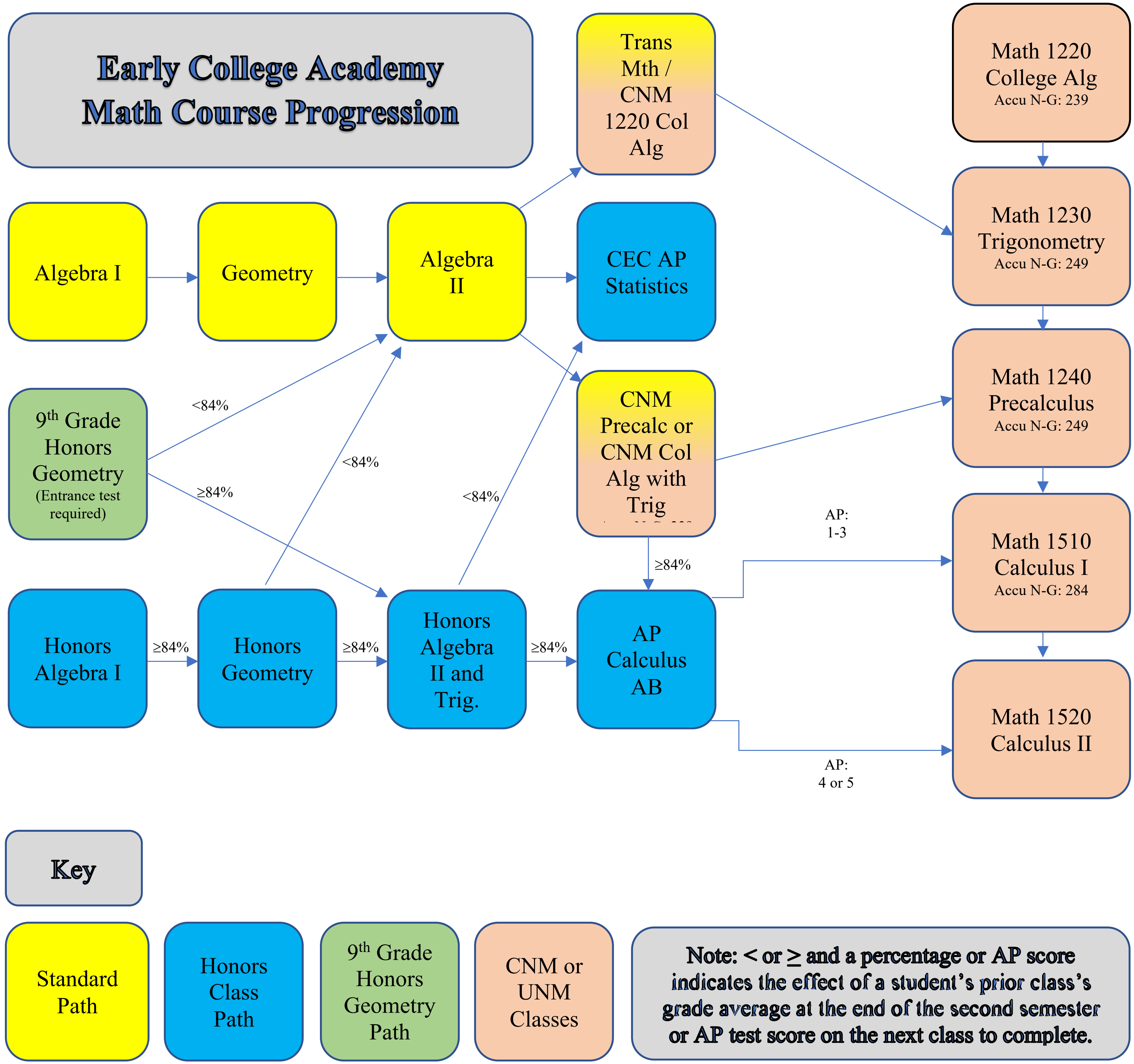

Early College Academy
Math Course Progression
Trans Mth / CNM 1220 Col Alg
Math 1220 College Alg
Accu N-G: 239
Algebra I
Geometry
Algebra II
CEC AP Statistics
Math 1230 Trigonometry
Accu N-G: 249
9th Grade Honors Geometry
(Entrance test required)
<84%
≥84%
<84%
<84%
CNM Precalc or CNM Col Alg with Trig
Math 1240 Precalculus
Accu N-G: 249
AP: 1-3
≥84%
Math 1510 Calculus I
Accu N-G: 284
Honors Algebra I
≥84%
Honors Geometry
≥84%
Honors Algebra II and Trig.
≥84%
AP Calculus AB
Math 1520 Calculus II
AP: 4 or 5
Key
Standard Path
Honors Class Path
9th Grade Honors Geometry Path
CNM or UNM Classes
Note: < or ≥ and a percentage or AP score indicates the effect of a student's prior class's grade average at the end of the second semester or AP test score on the next class to complete.