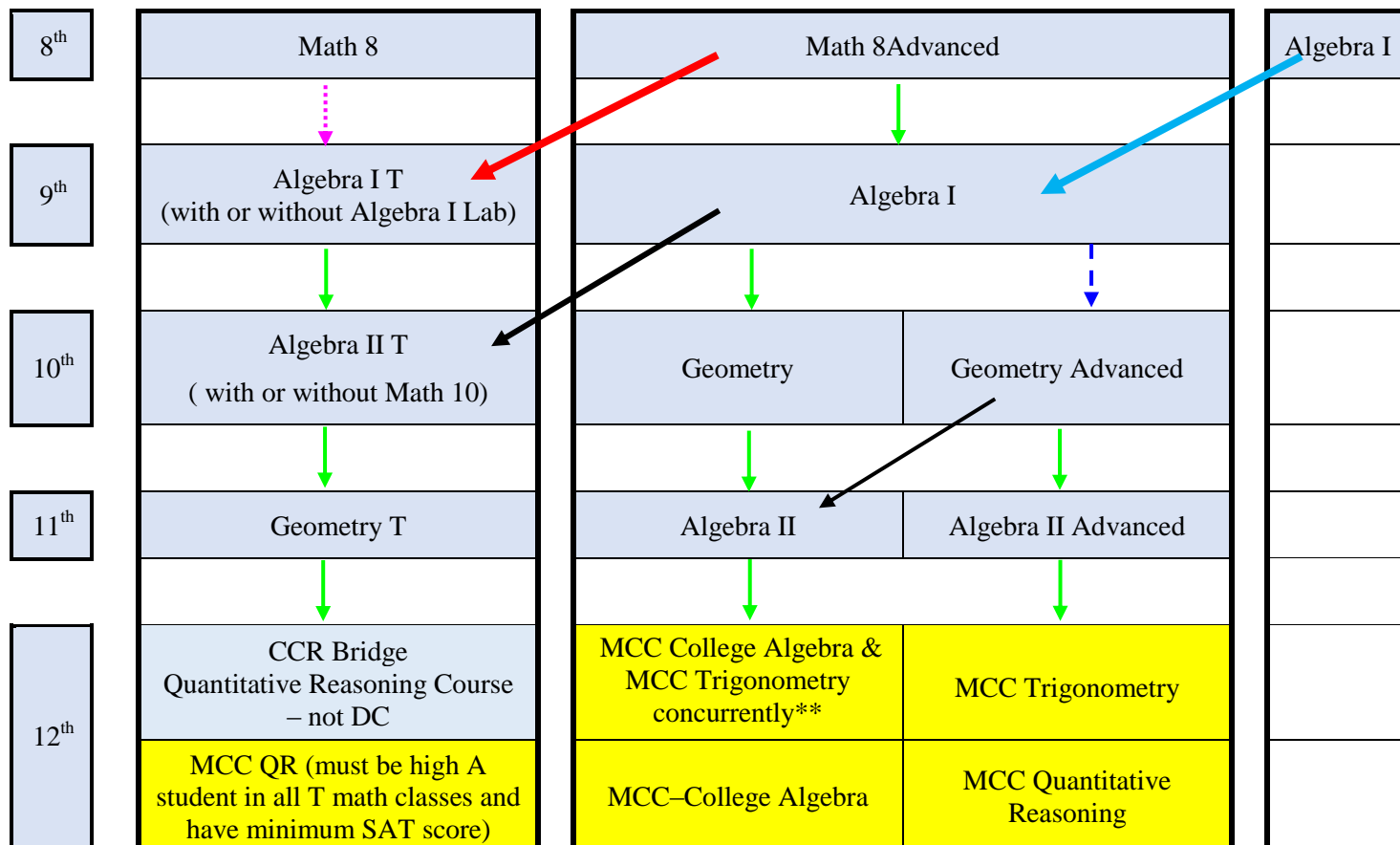


CASTLE HIGH SCHOOL: 2020-2021 MATHEMATICS CURRICULUM MAP

Students who complete Math 8 or Math 8 Advanced in middle school will follow this map.

Classes highlighted in yellow are classes in which the student may earn college credit. Students in these classes must complete the Castle prerequisites as well as the corresponding university or college prerequisites.

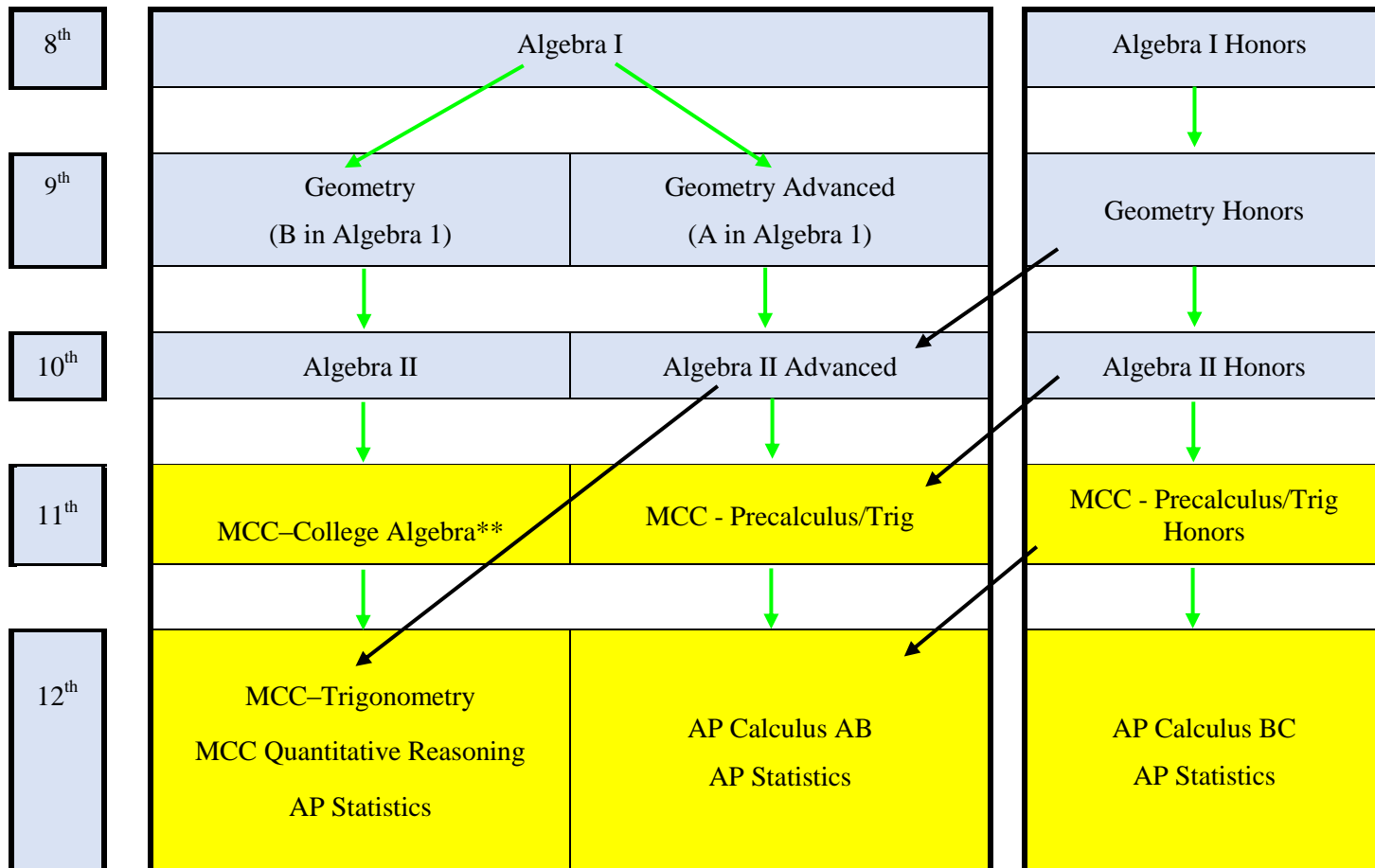


- Indicates typical path: Successful completion of course. Generally, a grade of A, B, or C for the first and second semesters.
 - Incoming freshmen students have the opportunity to retake Algebra I to improve their understanding of the material and their grade. It is recommended for students who are not confident in their algebra skills.
 - Grade of F in Math 8 Advanced. Students who pass Math 8 Advanced may also need to move down a level. Teachers will use skill and test performance to make the recommendation.
 - ⋯→ All students must enter high school in at least Algebra I. Algebra I T is the lowest level. The corresponding Algebra Enrichment class will be offered to students based upon test scores and teacher recommendations.
 - Indicates a lateral path: Typically grades of low C or D for the second semester. Teachers will use skill and test performance to make the recommendation to move down a level.
 - - - → Indicates a move into the Advanced or the Honors Pathway, requires a grade of (95% +) A (both semesters), the recommendation of their teacher, and performance on the next level's final exam.
- MCC Math College Credit course through IVY Tech
- QR Dual-Credit Quantitative Reasoning : Students who plan to major in a STEM field or business should not take this course. Students must be able to pass the Accuplacer or have a minimum SAT math score to enroll.
- ** At the end of Algebra 2, students who will pursue a STEM field but have weaker Algebra 2 skills should take College Algebra or take College Algebra concurrently with Trigonometry to improve their skills for success in Calculus in college.

CASTLE HIGH SCHOOL: 2020-2021 MATHEMATICS CURRICULUM MAP

Students who complete Algebra 1 or Honors Algebra 1 in middle school will follow this map.

Classes highlighted in yellow are classes in which the student may earn college credit. Students in these classes must complete the Castle prerequisites as well as the corresponding university or college prerequisites.



- Indicates typical path: Successful completion of course. Generally, a grade of A, B, or C for the first and second semesters.
- Incoming freshmen students have the opportunity to retake Algebra I to improve their understanding of the material and their grade. It is recommended for students who are not confident in their algebra skills.
- All students must enter high school in at least Algebra I. Algebra I T is the lowest level. The corresponding Algebra Enrichment class will be offered to students based upon test scores and teacher recommendations.
- Indicates a lateral path: Typically grades of low C or D for the second semester. Teachers will use skill and test performance to make the recommendation to move down a level.

MCC Math College Credit course through IVY Tech

QR Dual-Credit Quantitative Reasoning : Students who plan to major in a STEM field or business should not take this course. Students must be able to pass the Accuplacer or have a minimum SAT math score to enroll.

****** At the end of Algebra 2, students who will pursue a STEM field but have weaker Algebra 2 skills should take College Algebra or take College Algebra concurrently with Trigonometry to improve their skills for success in Calculus in college.