

PUHSD Math Matriculation Map 2012-2013

Incoming Freshman

Different Entry point for students that are not at grade level

Newcomer Math (for refugees)

Intro to Algebra

Intro 1 summer school course to prepare for Alg 1

Placed in Lab based on 7th grade AIMS or teacher recommendation

Algebra 1-2 lab

Algebra 1-2

Freshman Level

Algebra 1-2 H

Placed in Lab based on Algebra teacher recommendation

Geometry lab

Geometry 1-2

Sophomore Level

Geometry 1-2 H

Placed in Lab based on Geometry teacher recommendation

Algebra 3-4 lab

Algebra 3-4

Junior Level

Algebra 3-4 H

Some students enter 9th grade with Algebra and Geometry credit, so their entry point is further down the math matriculation levels

Algebra 4 Essentials (all students will take Algebra 3)

Senior Level

Acc to Calc H : Summer School course to accelerate students to Calc

Math Technology & Financial Algebra (each is a semester course)

Pre-Calculus (non-honors)

Trigonometry 1-2

Discrete 1-2

AP Statistics

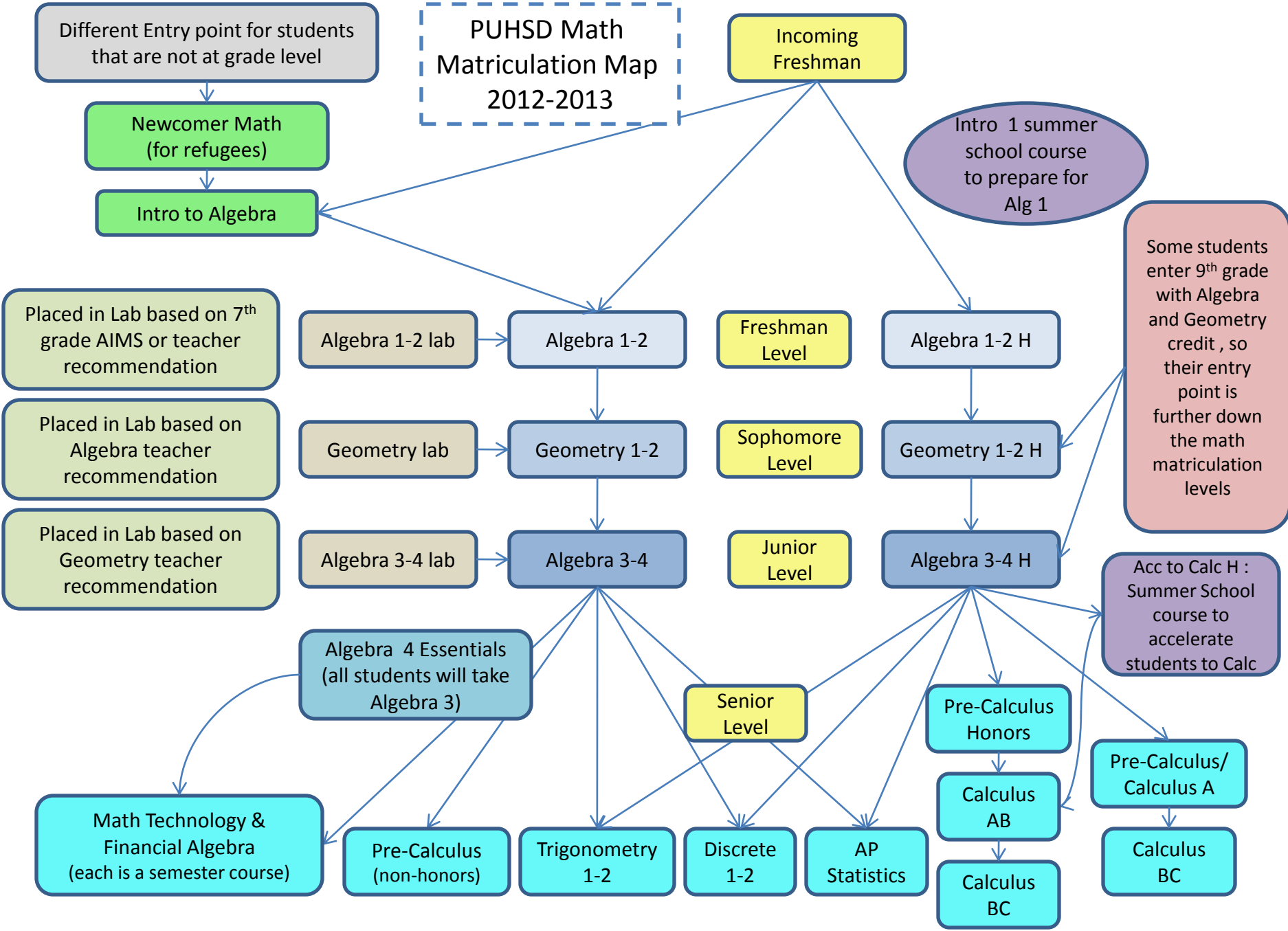
Pre-Calculus Honors

Calculus AB

Calculus BC

Pre-Calculus/Calculus A

Calculus BC



Students that want **Financial Algebra & Technology** are interested in: Community College or Vocational Post HS Experience

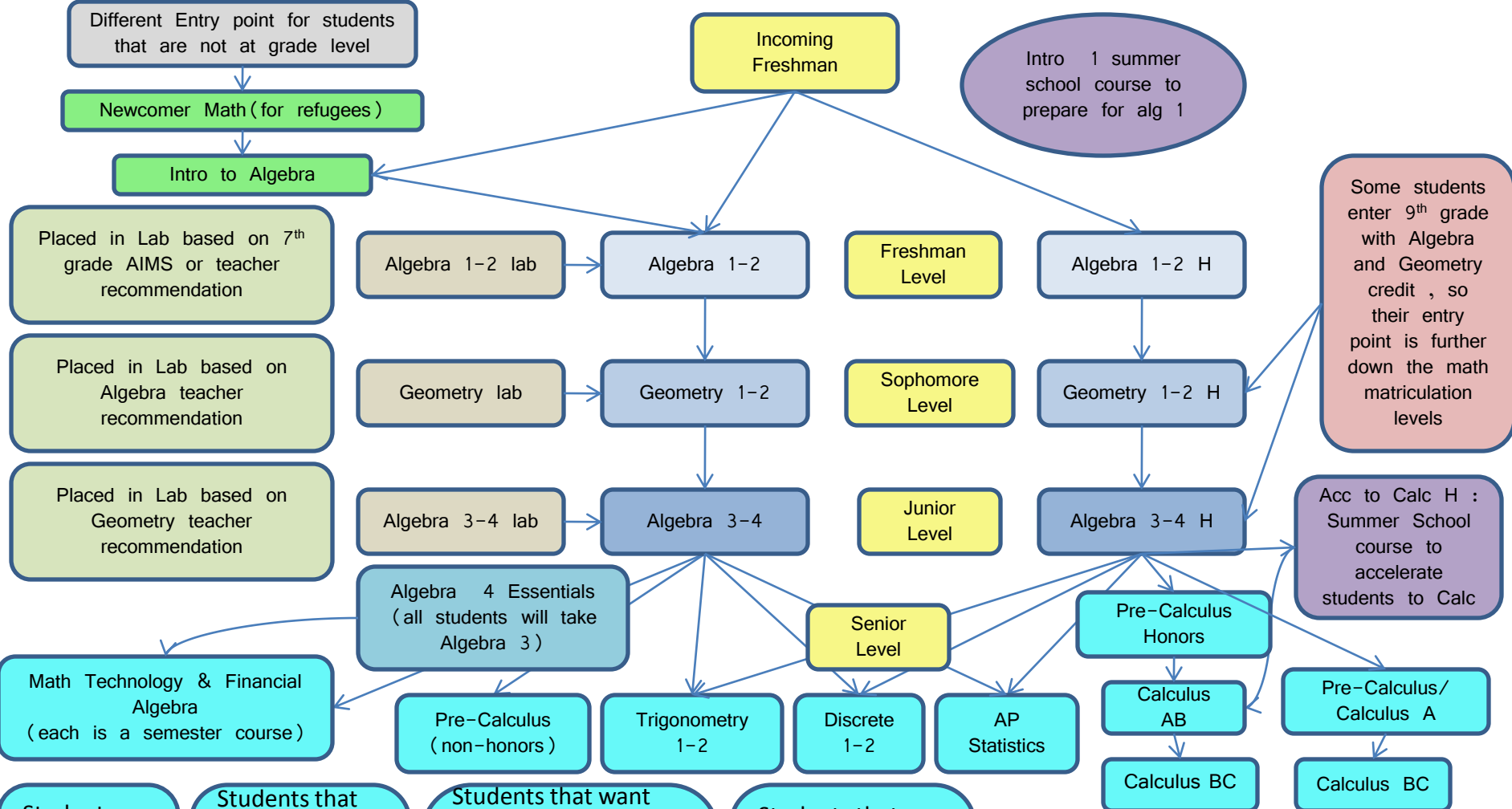
Students that want **Pre Calculus** are interested in: Calculus but have been in regular pathway in grades 9-11, community college level math

Students that want **Discrete Math** are interested in: Any non-technical majors (English, History)
Needed student skills:
-interest in computer programming
-average in Algebra
-Able to think outside normal procedures
-problem solver

Students that want **Trigonometry** are interested in: Architecture, Construction, Engineering
Needed student Skills:
-Average in Algebra but want to pursue College Algebra as an entry level math course

Students that want **AP Statistics** are interested in: Business, Psychology; Social Sciences; and any Medical field
Needed student skills:
-Average Math Skills
-Good at writing
-Good with technology (calculator)

Students that want **AP Calculus** are interested in: Any technical majors including STEM, Business, Geology
Needed student skills:
-Successful in Algebra
-Good with technology (calculator)
-Computational Skills
-Ability to perform non-routine mathematics to real life problems.



Some students enter 9th grade with Algebra and Geometry credit, so their entry point is further down the math matriculation levels

Acc to Calc H : Summer School course to accelerate students to Calc

Students that want this path are interested in: Community College or Vocational Post HS Experience

Students that want this path are interested in: Calculus but have been in regular pathway in grades 9-11, community college level math

Students that want this path are interested in: Architecture, Construction, Engineering
 Needed student Skills: -Average in Algebra but want to pursue College Algebra as an entry level math course

Students that want this path are interested in: Any non-technical majors (English, History)
 Needed student skills: -interest in computer programming

Students that want this path are interested in: Business, Psychology; Social Sciences; and any Medical field
 Needed student skills: -Average Math Skills

Students that want this path are interested in: Any technical majors including STEM, Business, Geology
 Needed student skills: -Successful in Algebra -Good with technology (calculator) -Computational Skills