Different Entry point for students that are not at grade level

**Newcomer Math** (for refugees)

**Intro to Algebra**

**PUHSD Math Matriculation Map 2012-2013**

**Intro 1 summer school course to prepare for Alg 1**

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

**Incoming Freshman**

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

Algebra 1-2 lab → Algebra 1-2 → Freshman Level

Geometry lab → Geometry 1-2 → Sophomore Level

Algebra 3-4 lab → Algebra 3-4 → Junior Level

Placed in Lab based on Algebra teacher recommendation

Algebra 3-4 H → Senior Level

Placed in Lab based on Geometry teacher recommendation

Geometry 1-2 H

Algebra 1-2 H

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

Algebra 4 Essentials (all students will take Algebra 3)

Pre-Calculus Honors

Pre-Calculus (non-honors) → Pre-Calculus Honors

Pre-Calculus/Calculus A

Math 1-2

Discrete 1-2

AP Statistics

Trigonometry 1-2

Calculus A

Calculus BC

Calculus BC

Calculus AB

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

Seniors

Junior Level
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 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.

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)
Different Entry point for students that are not at grade level

Newcomer Math (for refugees)

Intro to Algebra

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

Algebra 1-2 lab

Placed in Lab based on Algebra teacher recommendation

Geometry lab

Placed in Lab based on Geometry teacher recommendation

Algebra 3-4 lab

Algebra 4 Essentials (all students will take Algebra 3)

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

Pre-Calculus (non-honors)

Trigonometry 1-2

Discrete 1-2

AP Statistics

Senior Level

Geometry 1-2 H

Junior Level

Algebra 3-4 H

Sophomore Level

 Incoming Freshman

Intro 1 summer school course to prepare for alg 1

Intro to Algebra

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:

Any technical majors including STEM, Business, Geogoly

Needed student skills:

-Successful in Algebra

-Good with technology (calculator)

-Computational Skills

-Ability to perform non-routine mathematics to real life problems.

Students that want this path are interested in:

Business, Psychology; Social Sciences; and any Medical field

Needed student skills:

-Average Math Skills

-Able to think outside normal procedures

-Problem solver

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, Geography

Needed student skills:

-Average in Algebra

-Good with technology (calculator)

-Computational Skills