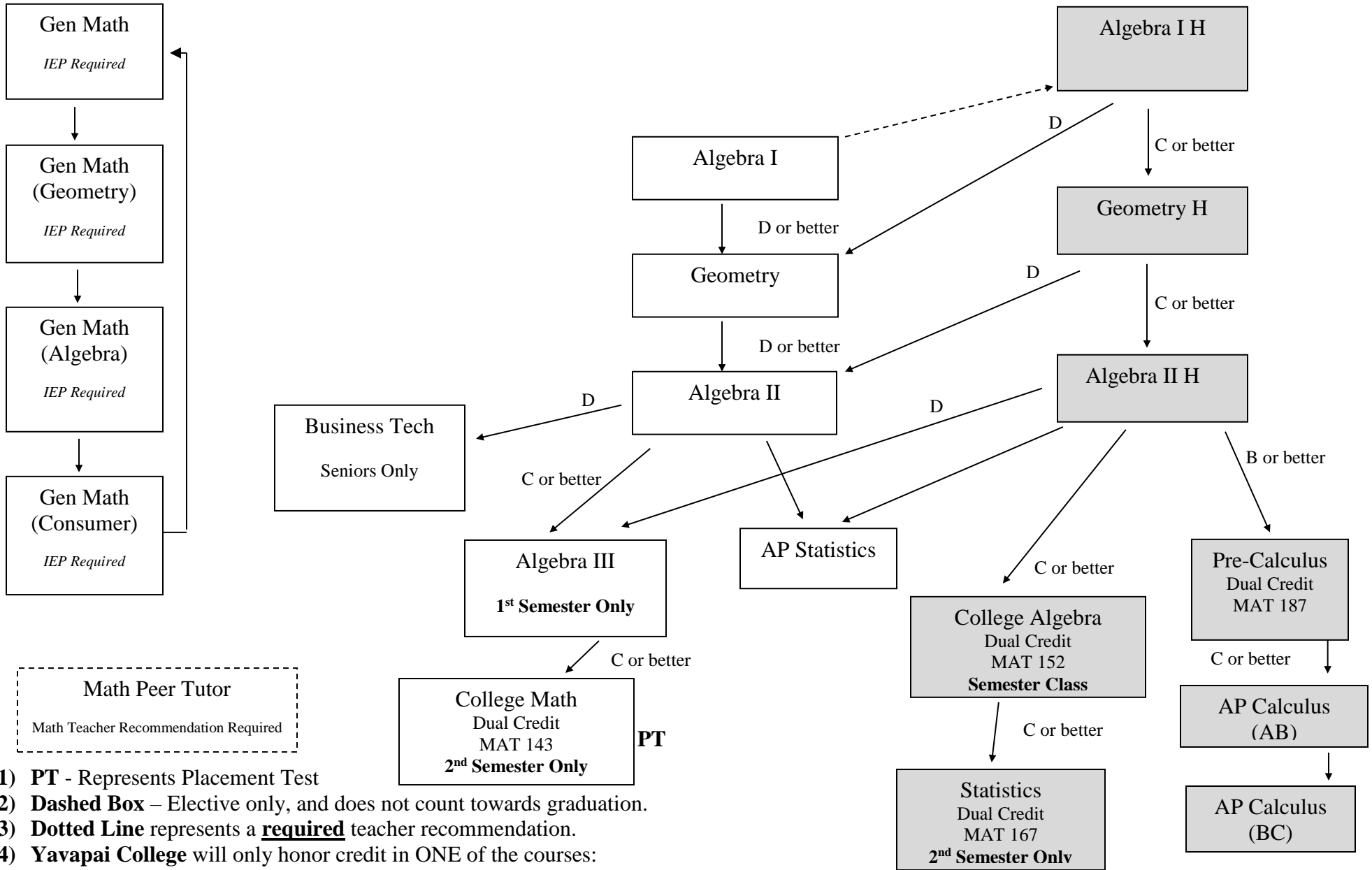


PHS Math Department (updated 1-16-2020)

2021-2022 School Year

Course Offering Flow Chart

(General Guidelines: There are always going to be special student circumstances that this does not work for.)



- 1) **PT** - Represents Placement Test
- 2) **Dashed Box** – Elective only, and does not count towards graduation.
- 3) **Dotted Line** represents a **required** teacher recommendation.
- 4) **Yavapai College** will only honor credit in ONE of the courses: MAT 142, MAT 152 or MAT 187.
- 5) **Any level change must have department chair approval**

Other Information:

If a student fails in mathematics, the student will automatically have to take extra math courses and most likely through PHS Online. This would include if they fail first semester, taking the 1st semester of the course failed through PHS Online while they are then dropped to a lower level math course.

If a student fails 2nd semester but not first, then he/she would make up the 2nd semester during the summer, or first semester through PHS Online.

Course Specific Information:

We are currently developing the committee that will determine the criteria and components of the personal curriculum plan as per state law. This is only specific to math and the 4 years of math requirement that includes Algebra II.

All courses (excluding the General Math courses) require a graphing calculator (TI-83, TI-83+, or TI-84+).

The Alg I, Geo, and Alg II courses count for PHS and AZ graduation requirements but does NOT meet the university requirements. However, if a student follows the course work through Algebra III and then tests into College Mathematics, this is a community college credit in mathematics and can be used to fulfill the university math credit requirement.

The Honors courses are for those students intending on graduating and then going on to a college degree program, most likely university bound right after high school.

Business Tech Mathematics will count as a 4th year of math credit but is typically for students who are not pursuing a college degree.

Algebra III and then College Mathematics are taken consecutively. The 2nd Semester College Mathematics class is mainly intended for those students who are in 1st semester Algebra III.

The dual credit courses MAT 142, MAT 152 and MAT 187 have Algebra II Honors as the prerequisite for enrollment per Yavapai College Policy.

MAT 152 and MAT 187 Pre-calc are both acceptable prerequisites for MAT 167 Statistics.