

# New CHS Math Courses



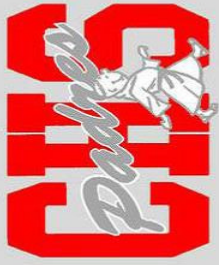
**New CHS Math Student Course Options**  
**SY 2016-2017**



## Since Last Time

### Parent Information Night Feb. 2

- Roughly 40 parents attended
- Shared our move to Integrated
- Surveyed parents
  - 10% of parents in attendance completed a survey
  - 90% support this direction



# Rationale for Adding New Courses

## **Rationale:**

### **Advanced Mathematical Decision Making**

New course aligns to the new California Math Standards. The pedagogy in AMDM appeals to both low achieving students and “high flyers”.

Created by the Dana Center at the University of Texas at Austin by practicing math educators and leading researchers in the field of mathematics education.

Provides an alternative for students seeking a fourth year math class.

Replaces Trigonometry/Special Topics, which had duplicate content as our current Integrated Math 3 course.

## **Rationale:**

### **Accelerated Integrated Math 2 & 3**

The accelerated courses will allow students to move ahead in math without having to take a summer course at MPC.

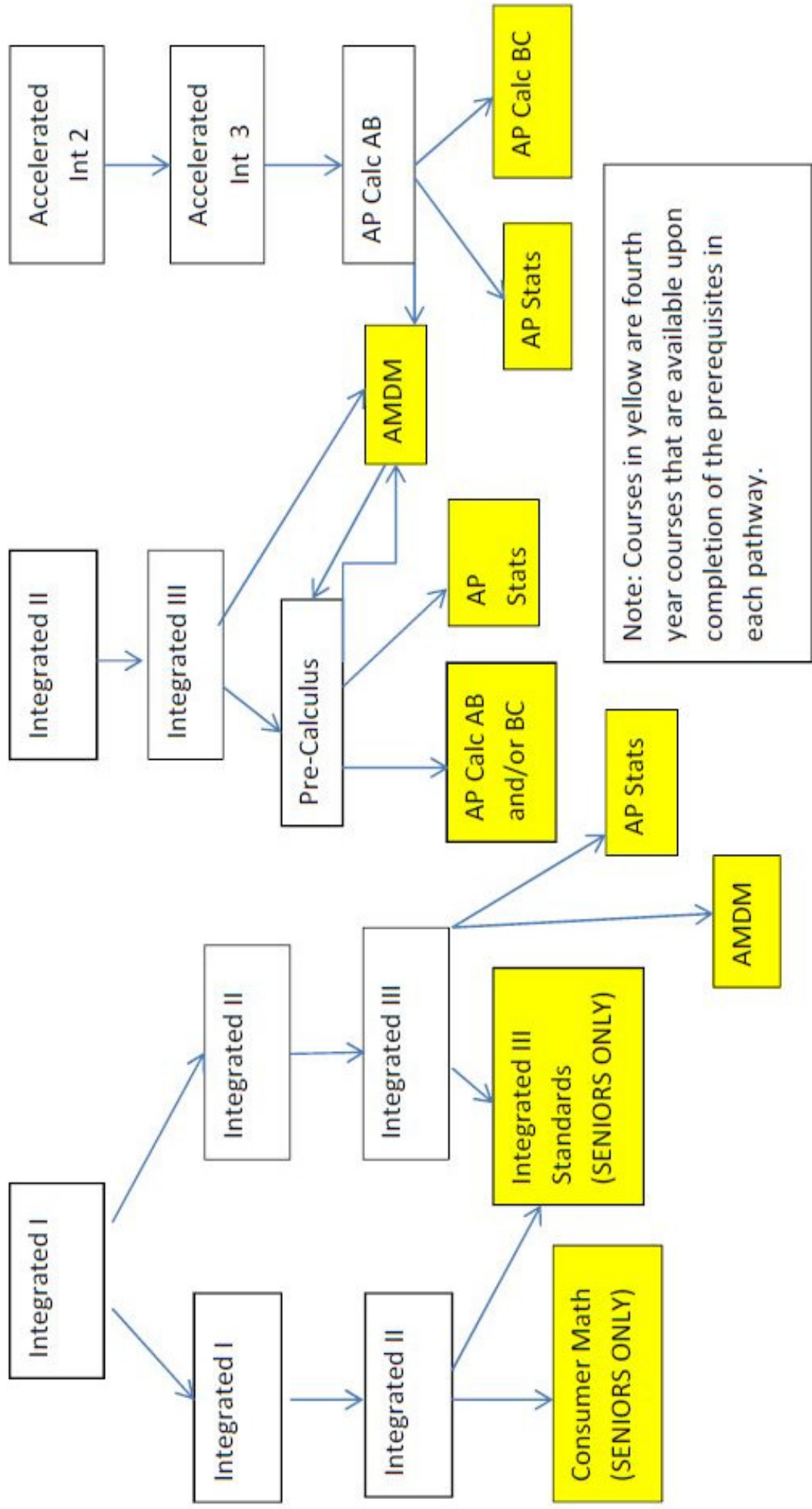
The students will be exposed to all CCSS content standards that are currently in Integrated 2, Integrated 3 and Pre-Calculus. The course is compacted into two years instead of three.

The course will allow a pathway for students to take Calculus BC, a course whose numbers have increased over the past several years.



# New Math Course Pathway SY 2016-2017

## Proposed CHS Course Sequence





# Potential Impact

## **Advanced Mathematical Decision Making**

We anticipate a similar student class count as current Trigonometry/Special Topics course- very little expected impact on FTE.

Trigonometry course would go away due to duplication of content in Integrated Math 1-3.

Need to acquire and approve textbooks for the course

Permission to use the course requires a teacher (s) to participate in three-day PD held at UTAustin during summer 2016.

## **Accelerated Integrated Math 2 & 3**

We anticipate no additional sections of Integrated 2 or Integrated 3 needed.

We anticipate there will be one less section of Pre-Calculus.

We anticipate there will be one section offered for this course.

We do expect attrition as there are currently 16 Calculus BC students.



**Questions?**

**Any questions?**