

Foothill College

Summer Bridge Math Program

Intake Survey Results Overview

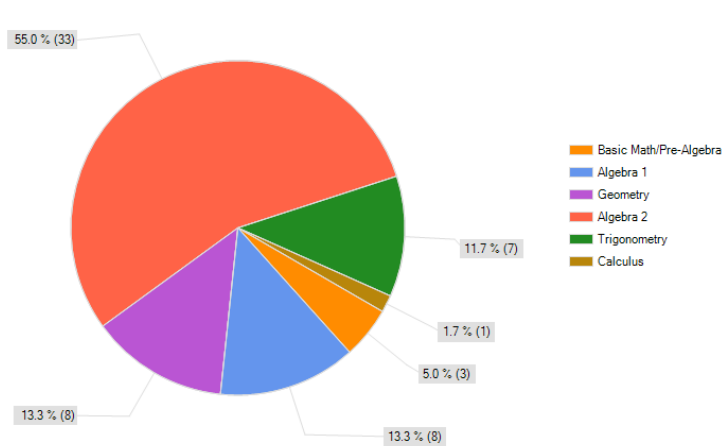
July 10, 2012

Survey Respondents

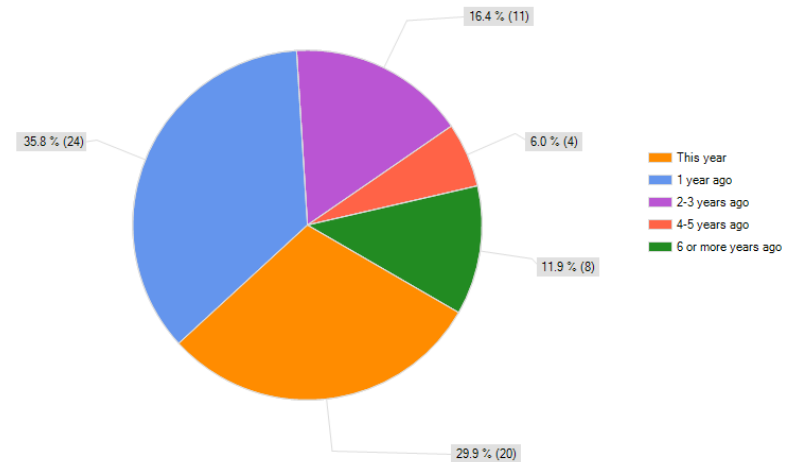
- 68 out of 70 students (97% response rate)
- High schools districts include:
 - Campbell, East Side, Fremont, Mt. View-Los Altos, San Jose, Santa Clara, San Mateo
- High schools with most representation:
 - Los Altos, Palo Alto, Homestead, Mountain View, Henry M. Gunn, Fremont
- Majority graduated from high school in 2012 (67%) or between 2005-10 (19%)

Math Background

What is the highest math class you have taken?



When did you take your last math class?

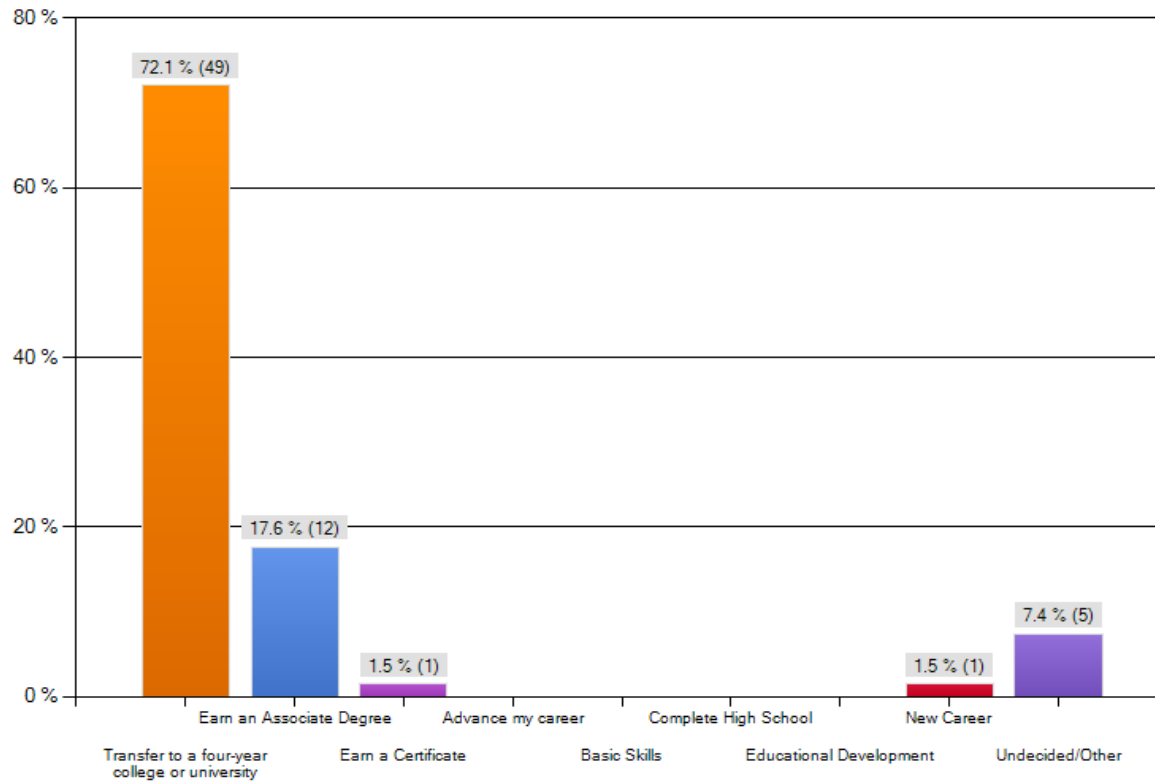


At least half of the program participants reported taking Algebra 2 as their highest math class (55%). Another quarter (26%) reported taking Algebra 1 or Geometry as their highest math class.

The majority of students completed their last math class either this year (30%) or last year (36%). Roughly 12% finished their last math class at least six years ago.

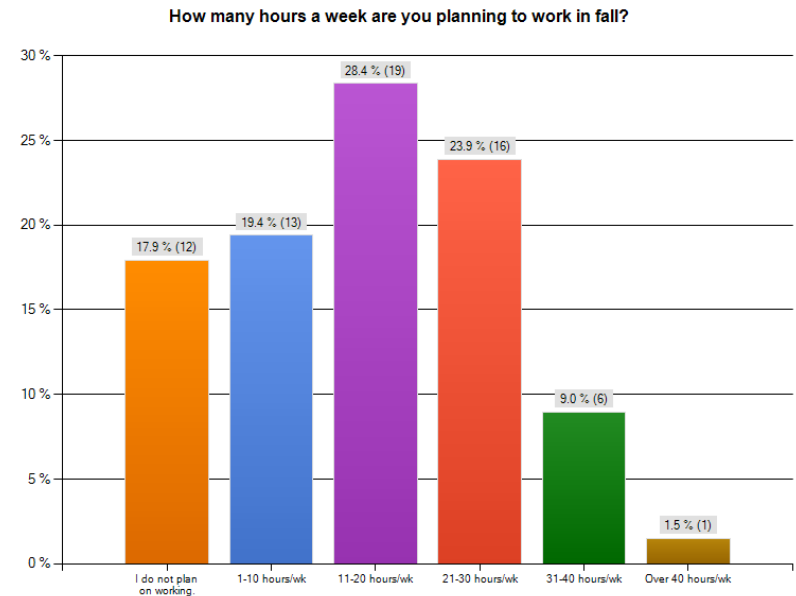
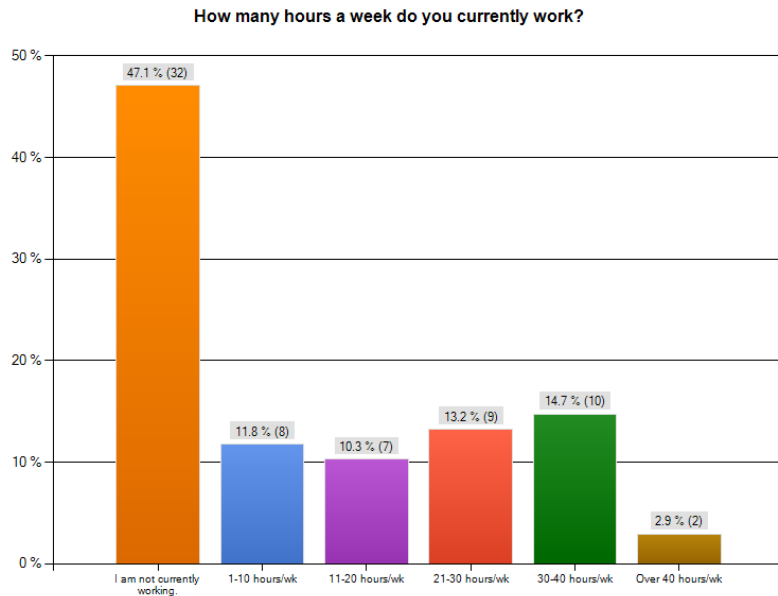
Educational Goal

What is your educational goal?



Most students expressed the desire to transfer to a four-year institution (72%). Math completion will be an integral component to their success.

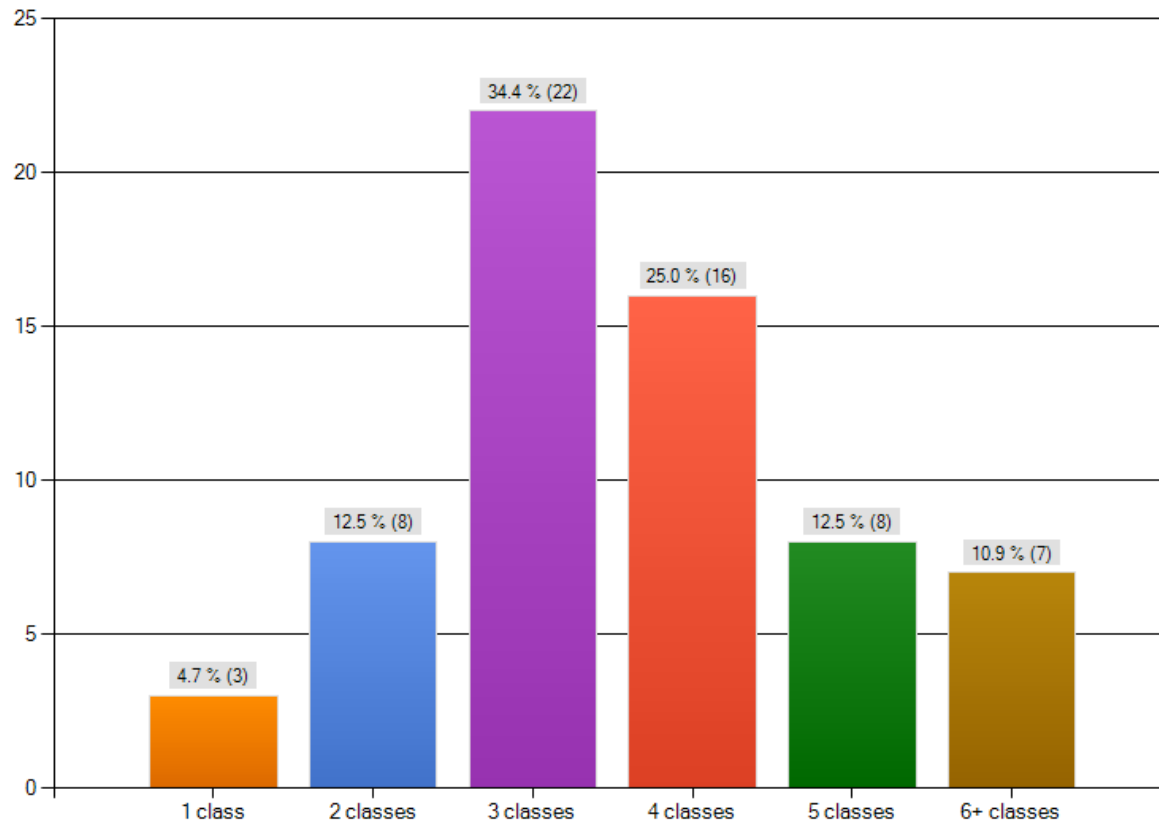
Time Demands



Approximately half of the program participants are not currently working (47%). About 30% are working over 20 hours a week, with 17% working at least 30 hours a week. The percentage of students who anticipate working this fall will increase dramatically compared to the summer (82% vs. 53%). Over 40% believe they will work part-time between 11-30 hours a week.

Fall Plans

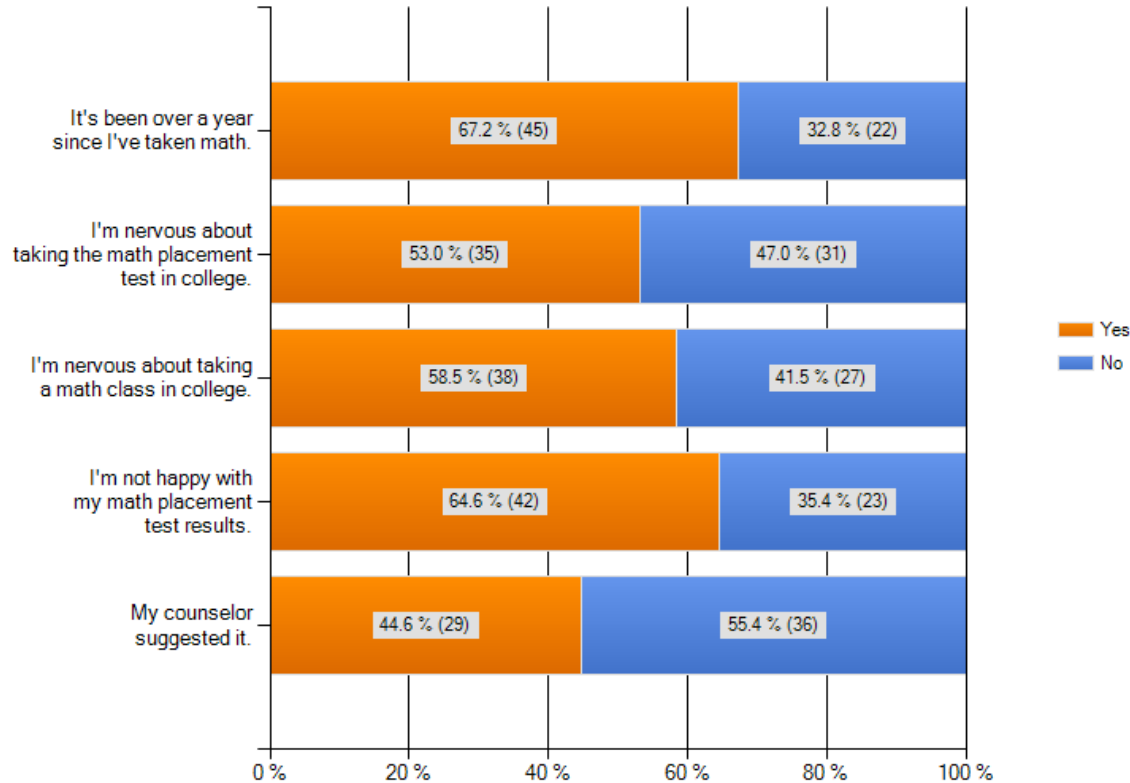
If yes, how many classes are you planning on taking in fall?



All program participants, except one, plan to enroll at Foothill in the upcoming fall term. Note that at least half of the students plan on enrolling in three to four classes, which suggests that they would be attending at least at half-time status .

Summer Bridge Motivation

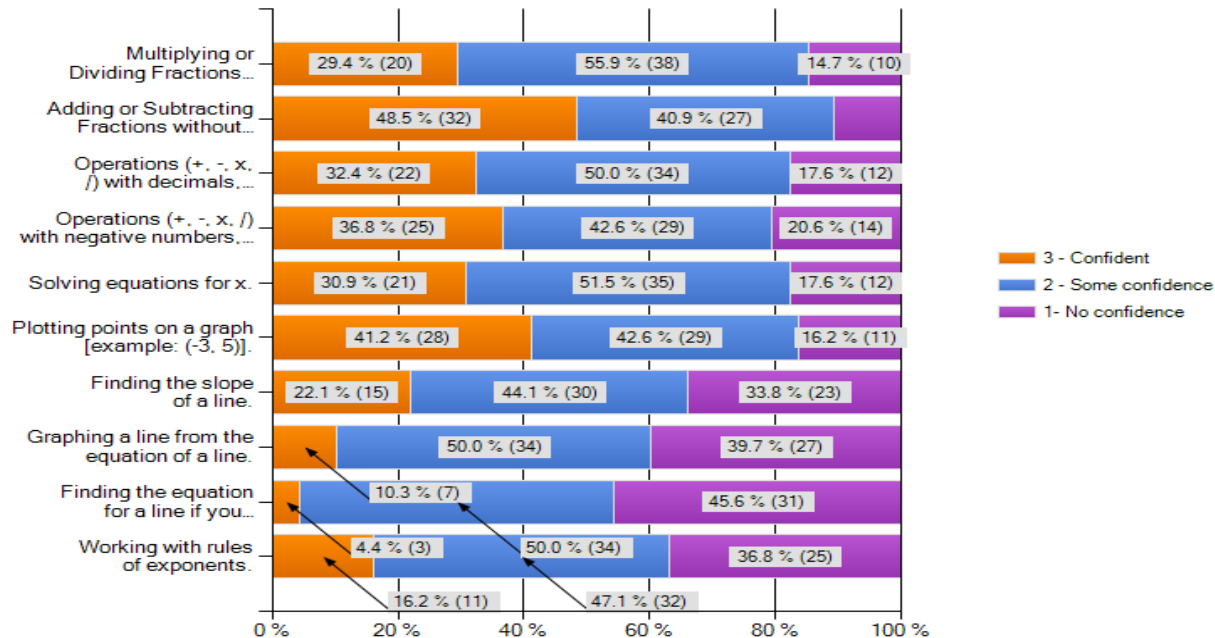
Please check yes or no next to the following reasons you joined the Summer Bridge Math Program



Top responses include length of time since last math course (67%), unhappy with placement test results (65%) and nervousness taking math (59%).

Math Confidence

Rate your confidence level regarding your ability to perform the following math concepts.



Compared to their ability to perform other math concepts, students felt most confident adding or subtracting fractions without a calculator (48%).

Students also seem to have more confidence in plotting points on a graph (84% confident or some confidence) and operations with negative numbers (79% confident or some confidence) or decimals (82% confident or some confidence).

Students seem to have less confidence in finding the equation for a line (96% some or no confidence) and graphing a line from the equation of a line (90% some or no confidence).

At least a third of responses indicate no confidence in working with rules of exponents and finding the slope of a line.