



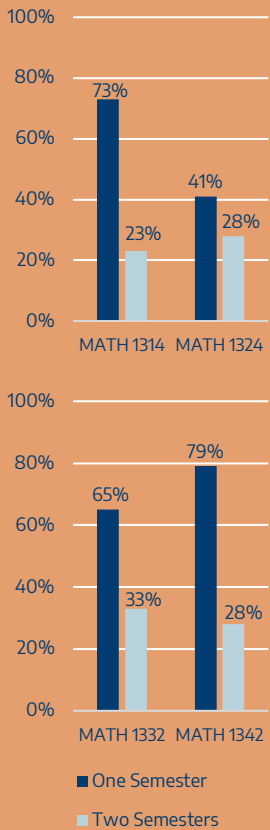
PRINCIPLE 2

Students complete their first college-level mathematics requirement in their first year of college.

San Jacinto College

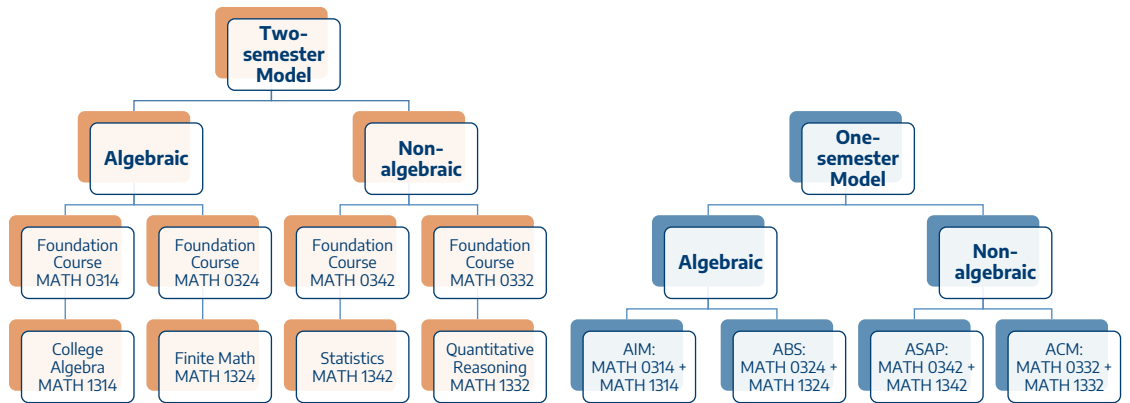
Pasadena, TX
www.sjcd.edu

Expected Success Rates for Developmental Students by Model



Student Enrollment in Mathematics Pathways

- All students in the target population, students who score at a Level 5 or higher on the Texas Success Initiative Assessment (TSIA), enter accelerated one-semester or two-semester math pathways.
- One-semester math pathways at San Jacinto College (SJC) include Acceleration in Mathematics (AIM), Accelerated Math for Business and Social Sciences (ABS), Accelerated Statistics and Probability (ASAP), and Accelerated Contemporary Math (ACM). Developmental and gateway content is aligned in these models.



- In addition, SJC offers a 4-week/12-week foundational MATH 0104/MATH 0314 course pairing for students who score below 336 on the TSIA.
- College-ready students may prepare for Calculus in Precalgebra, a one-semester corequisite pairing of College Algebra and Precalculus.

Measuring Impact

- SJC is increasing corequisite offerings to serve larger portions of students.
- Because SJC serves a large population of part-time students, SJC developed a two-semester stretch model for AIM, ABS, ASAP, and ACM.
- SJC actively utilizes data to inform course design and implementation of models. Items analyzed include:
 - enrollment and completion data for one- and two-semester models
 - enrollment and completion data compared to the traditional pathway
 - comparison of enrollment and completion data by model
 - longitudinal student-level data for students completing an accelerated math course
 - completion data by TSIA score
 - completion data by student population groups

