

MATHAMATIC PATHWAYS AT SAN JACINTO COLLEGE

ONE SEMESTER CO-REQUISITE MODELS

AIM: Acceleration in Mathematics

One semester co-requisite model pairing instruction in developmental mathematics with the concepts needed for college algebra in a just in time delivery pedagogy. The class is co-taught by a developmental education instructor and a college algebra instructor. The class meets four days each week, for 1.5 hours per day, supported by one hour of collaborative learning time on Friday. Students benefit from two faculty members in the classroom at all times, feedback through testing and graded homework, required additional tutoring, and a supportive learning community.

ABS: Accelerated Business (Finite Mathematics)

One semester co-requisite model pairing instruction in developmental mathematics with the concepts needed for finite mathematics in a just in time delivery pedagogy (to be implemented fall 2017). The class is co-taught by a developmental education instructor and a college algebra instructor. The class meets four days each week, for 1.5 hours per day, supported by one hour of collaborative learning time on Friday. Students benefit from two faculty members in the classroom at all times, feedback through testing and graded homework, required additional tutoring, and a supportive learning community.

ASAP: Accelerated Statistics and Probability

One semester co-requisite model pairing instruction in developmental mathematics with the concepts needed for statistics in a just in time delivery pedagogy for non-algebraic pathways. The class is co-taught by a developmental education instructor and a college level instructor. The class meets four days each week, for 1.5 hours per day with collaborative learning embedded in the course. Students benefit from two faculty members in the classroom at all times, feedback through testing and graded homework, required additional tutoring, and a supportive learning community.

AQR or AcQuiRe: Accelerated Quantitated Reasoning

One semester co-requisite model pairing instruction in developmental mathematics with the concepts needed for statistics in a just in time delivery pedagogy for non-algebraic pathways. The class, co-taught by a developmental education instructor and a college level instructor, is intended for liberal arts and technical majors. The class meets four days each week, for 1.5 hours per day with collaborative learning embedded in the course. Students benefit from two faculty members in the classroom at all times, feedback through testing and graded homework, required additional tutoring, and a supportive learning community.

TWO SEMESTER PATHWAY MODELS

A pathway for part time students began in spring 2017. These pathways will replace the two course developmental sequence (Introductory and Intermediate algebra). The new pathways are offered in a two semester stretch model with the foundation course the first semester designed to prepare students for the appropriate college level course they will take the next semester.

Other models in use:

NCBO: MATH 0104 replaced pre-algebra course and is considered a BASE NCBO. It is offered to those that score very low on the TSIA. Students may enroll in the course 2 times before they are referred to an ABE program.