

Mathematics Placement at San Jose State University (effective Fall 2010)

All San Jose State University students must satisfy the Entry Level Mathematics (ELM) requirement. In addition, students who want to take a beginning calculus course at San Jose State including Math 30 Calculus I, Math 30P Calculus I with Precalculus, Math 60 Calculus for Biological Sciences, or Math 71 Calculus for Business and Aviation, must take (exemptions to this requirement are listed below) the Mathematics Placement Exam (MPE).

Students who have satisfied the ELM requirement are eligible to register for **Math 8 College Algebra, Math 10 Mathematics for General Education, Math 12 Number Systems, Math 19 Precalculus, or Math 70 Finite Math**, without taking the Mathematics Placement Exam.

To be eligible for **Math 30P or Math 60** students will need a score of 20/32 or higher on the algebra portion of the Mathematics Placement Exam and a score of 15/25 or higher on the calculus readiness (college algebra and trigonometry) portion of the MPE.

To be eligible for **Math 30** students will need a score of 27/32 or higher on the algebra portion of the Mathematics Placement Exam and a score of 20/25 or higher on the calculus readiness portion of the MPE.

To be eligible for **Math 71** students will need a score of 18/32 or higher on the algebra portion of the Mathematics Placement Exam.

Exemptions

Students can also take the following routes to become eligible to register for calculus without taking the MPE.

1) AP Calculus Exam route

Students who pass the AP Calculus Exam with a score of 3 or higher will be eligible to register for Math 30, Math 30P, Math 60, or Math 71. Students who pass the AP Calculus Exam should turn in a Calculus Request Form listing the appropriate information to the Math Department office (MH 308) before they attempt to register for their classes.

Students who pass the AB version of the AP Calculus Exam with a grade of 4 or higher are encouraged to register for Math 31 Calculus II, and students who pass the BC version of the AP Calculus Exam with a grade of 3 or higher are encouraged to register for Math 32 Calculus III.

2) Course route

Students who pass a College Algebra course equivalent to Math 8 at San Jose State with a grade of C- or better are eligible to register for Math 71. Students who pass a Precalculus course equivalent to Math 19, are eligible to register for Math 30P or Math 60 with a grade of C or higher and are eligible to register for Math 30 with a grade of B or higher, without taking the MPE. Students who take these courses at San Jose State should be

able to register for their classes as soon as their grades are posted in Peoplesoft. Students who take these prerequisite courses at another college should fill out a Calculus Request Form listing the appropriate information and turn it in to the Math Department office (MH 308) before they attempt to register for their classes. Note that Algebra and Precalculus courses taken in High School are not considered equivalent to Math 8 or Math 19.

3) SAT/ACT exam route

Students who get a score of 550 or higher on the math portion of the SAT or a score of 23 or higher on the math portion of the ACT are eligible to register for Math 71 without taking the MPE.

If you have any questions regarding this information, please contact the Mathematics Department at 408-924-5100. Our office hours are Monday-Friday 8:30am-5:00pm (we are closed from 12:30-1:30 for lunch). Additional details can also be found on the Mathematics website – <http://www.sjsu.edu/math/> (under Courses).