The California State University System responded to the heavy demand for mathematics remediation by requesting universities to focus on reducing the need and requiring that remediation be completed by each student within one year. CSU Stanislaus responded to the first requirement by securing a Collaborative Academic Preparation Initiative (CAPI) grant to work with teachers and students at the high school level to improve student readiness for college level mathematics. The second requirement is being addressed by a multi-prong approach that involves recruitment, orientation, a math pilot and, most recently, a revision of the mathematics remedial course series.

**CAPI**
The CSU Stanislaus CAPI project is a collaboration between CSU Stanislaus faculty and high school teachers of English and Advanced Algebra. The purpose of the project is to minimize the need for remediation of regularly admitted students when they enroll at CSU Stanislaus. In mathematics, the project has focused on

- Creating faculty to faculty alliances between CSU Stanislaus faculty in the Department of Mathematics and high school faculty who are teaching third-year college preparatory mathematics courses.
- Assisting high school faculty in developing methods/strategies that will result in more of their students being able to pass the EPT/ELM placement tests.
- Exploring ways of using CSU tutors as adjuncts to the high school instructional program.
- Providing university-bound high school students with early assessment of their preparation for university mathematics course work to allow time for additional preparation can before they are admitted to the university.
- Piloting ways of remediating deficiencies identified by the ELM while the students are still in high school.

**Campus Action Plan**
- Outreach representatives clearly inform students about mathematics and ELM testing requirements.
- Admission letters indicate ELM and EPT requirements and provide testing information.
- A strong effort to encourage students to work on remediation before freshmen entrance was begun during the fall 2000 admission cycle. Students were provided information about ways to complete or reduce the math remediation requirement during the summer. A brochure detailing options was mailed to each student, and First Year Programs staff members reviewed the information with students admitted early enough to benefit. These options were
  - Attend ELM workshops to prepare for repeating the ELM examination.
  - Attend summer school at CSU Stanislaus; (schedule and number of contact person provided).
• Attend summer school at a local community college (schedule and contact number provided).
• Attendance at orientation is mandatory. Students are required to sign up for the remediation courses in person to insure enrollment in the correct class.
• Students taking remediation classes are encouraged to not exceed a 12-unit load.
• Students are informed about available tutoring services, which are provided at no cost to the students.

Revision of the Mathematics Course Series
The CSU Stanislaus Mathematics Remediation Task Force developed a new remediation course series to better serve the needs of our students. The new course series has three tracks that are divided based on the students major. Students will be directed in the course of study based on the combination of ELM score and major. The series includes four courses:

• Math 0103, Pre- and Beginning Algebra, is for students who are most mathematically at risk. The course is a 4-unit course with content similar to Math 0101, Pre-Algebra. Students completing this course will need to take one of the courses listed below to complete their remediation.

• Math 0106, Intermediate Algebra for Non-Math/Science Majors, is primarily for business, social science, humanities, fine arts, and students who's major is undecided. The course is a 4-unit course focusing on intermediate algebra. Students completing this course will be eligible to take college level mathematics courses.

• Math 0107, Intermediate Algebra for Teachers, is a 4-unit course that emphasizes mathematical preparation for students interested in K-8 teaching (Liberal Studies). Students completing this course will be eligible to enter Math 1030, Elementary Foundations of Mathematics I.

• Math 0110, Intermediate Algebra for Math/Science, is a 4-unit course designed to prepare science, mathematics, and technology-oriented students. Students completing this course will be prepared to enroll in College Algebra, Trigonometry, and Pre-Calculus.