CALIFORNIA STATE UNIVERSITY CHANNEL ISLANDS

NEW COURSE PROPOSAL

PROGRAM AREAS _____MATH

1. **Catalog Description of the Course.** *[Include the course prefix, number, full title, and units. Provide a course narrative including prerequisites and corequisites. If any of the following apply, include in the description: Repeatability (May be repeated to a maximum of ___ units); time distribution (Lecture ___ hours, laboratory ___ hours); non-traditional grading system (Graded CR/NC, ABC/NC). Follow accepted catalog format.]*

MATH **499 SENIOR COLLOQUIUM (1)**
Prerequisites: Senior standing.
One hour of seminar per week.
Oral presentations of current advancement in the field, and reports on students' projects. Repeatable.

2. **Mode of Instruction.**

	Units	**Hours per Unit**	**Benchmark Enrollment**
Lecture	_____	_____	_____
Seminar	____1____	_____1___	____24____
Laboratory	_____	_____	_____
Activity	_____	_____	_____

3. **Justification and Learning Objectives for the Course.** (Indicate whether required or elective, and whether it meets University Writing, and/or Language requirements) *[Use as much space as necessary]*

The course is a capstone course for Mathematics majors.

Through this course, students will be able to

- Reflect on current issues in Mathematics and its applications
- Apply their knowledge of Mathematics to current issues in the field.
- Present their research in oral form

This course is not designed to satisfy the University Writing or Language requirements.

4. **Is this a General Education Course** **YES** **NO**
If Yes, indicate GE category:

A (English Language, Communication, Critical Thinking)	
B (Mathematics & Sciences)	
C (Fine Arts, Literature, Languages & Cultures)	
D (Social Perspectives)	
E (Human Psychological and Physiological Perspectives)	

5. Course Content in Outline Form. *[Be as brief as possible, but use as much space as necessary]*
Seminar in Computer Science and currentapplications.
Student presentations.

6. References. *[Provide 3 - 5 references on which this course is based and/or support it.]*

Current publications in the field.

7. List Faculty Qualified to Teach This Course.

All Mathematics Faculty

8. Frequency.
a. Projected semesters to be offered: Fall ___X__ Spring _X____ Summer _____

9. New Resources Required.

a. Computer (data processing), audio visual, broadcasting needs, other equipment

Existing resources.

b. Library needs

Standard University library facilities.

c. Facility/space needs

Overhead projector, Power Point and standard classroom equipment

10. Consultation.
Attach consultation sheet from all program areas, Library, and others (if necessary)

11. If this new course will alter any degree, credential, certificate, or minor in your program, attach a program modification.

_____
Proposer of Course Date