CALIFORNIA STATE UNIVERSITY CHANNEL ISLANDS

NEW COURSE PROPOSAL

PROGRAM AREAS ______ COMPUTER SCIENCE

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.]

COMP 490. TOPICS IN COMPUTER SCIENCE (3)
Three hours of lecture per week.
Prerequisites: Upper-division standing.
Current issues in computer science.

2. Mode of Instruction.

<table>
<thead>
<tr>
<th>Lecture</th>
<th>Units</th>
<th>Hours per Unit</th>
<th>Benchmark Enrollment</th>
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<tbody>
<tr>
<td>_______</td>
<td>3</td>
<td>_____________</td>
<td>24</td>
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<td>Seminar</td>
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<td>Laboratory</td>
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<td>Activity</td>
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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 an elective for Computer Science majors.
Through this course, students will be able to

- Identify new important developments in computer science.
- Discuss current needs in computer science and design modern software.
- Present current developments in computer science in written and 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]
New developments in computer science: software engineering, computer graphics, applications.

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

   None

7. **List Faculty Qualified to Teach This Course.**

   All Computer Science 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

      None
   b. Library needs

      Standard University library facilities
   c. Facility/space needs

      None

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