

CALIFORNIA STATE UNIVERSITY CHANNEL ISLANDS

COURSE MODIFICATION PROPOSAL

DATE: 10/19/06

PROGRAM AREA COMPUTER SCIENCE

1. Catalog Description of the Course. *[Follow accepted catalog format.]*
(If Cross-listed please submit a form for each prefix being modified)

OLD	NEW
Prefix COMP Course# 499 Title SENIOR COLLOQUIUM	Prefix COMP Course# 499 Title CAPSTONE PROJECT
Units (1)	Units (3)
1 hours seminar per week	3 hours activity per week
☒ Prerequisites Senior standing	☒ Prerequisites COMP 491
☐ Corequisites	☐ Corequisites
Description Oral presentation of current advancements in the field and reports on students' projects. Repeatable.	Description Design, implement and present a significant software project under faculty supervision.
☐ Gen Ed	☐ Gen Ed
☐ CR/NC	☐ CR/NC
☒ Repeatable for up to 3 units	☐ Repeatable for up to units
☒ A - F	☒ A - F
☐ Multiple Enrollment in same semester	☐ Multiple Enrollment in same semester
☐ Optional (Student's choice)	☐ Optional (Student's choice)
☐ Mission Based Learning Objectives: ☐ Interdisciplinary ☐ International ☐ Multicultural ☐ Service Learning	☐ Mission Based Learning Objectives: ☐ Interdisciplinary ☐ International ☐ Multicultural ☐ Service Learning
☐ Title V Section 40404: ☐ Government ☐ US Constitution ☐ US History	☐ Title V Section 40404: ☐ Government ☐ US Constitution ☐ US History

2. Mode of instruction

	<u>Existing</u>					<u>Proposed</u>			
	Units	Hour Per Unit	Benchmark Enrollment	CS# Units (filled out by Dean)		Units	Hour Per Unit	Benchmark Enrollment	CS# Units (filled out by Dean)
Lecture	1	1	15	_____	Lecture	3	1	15	_____
Seminar	_____	_____	_____	_____	Seminar	_____	_____	_____	_____
Laboratory	_____	_____	_____	_____	Laboratory	_____	_____	_____	_____
Activity	_____	_____	_____	_____	Activity	_____	_____	_____	_____

3. Course Content in Outline Form if Being Changed. *[Be as brief as possible, but use as much space as necessary]*

OLD Variable by student. Students research and present a current topic in the field.	NEW Variable by student. Students complete the design, implementation, testing and presentation of the Capstone Project proposed and approved in Comp 491
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4. 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]*

OLD Required course in the Computer Science major. Not intended to meet University Writing and/or Language requirements.	NEW This is a required course for Computer Science majors. It is not intended to satisfy the University Writing and/or Language requirements. Students draw on knowledge from many courses in the major in a culminating experience. They complete a substantial project that can be used in a portfolio of their work. The course provides an opportunity for the Computer Science faculty to assess the major Through this course, students will be able to
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- * Formulate a plan for project completion
- * Construct a software system
- * Prepare appropriate system documentation
- * Organize and express ideas clearly and convincingly in written form.

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

OLD Variable by student

NEW Variable by student

6. Indicate Changes and Justification for Each. *[Check all that apply and follow with justification. Be as brief as possible but, use as much space as necessary.]*

- ☒ Course title
- ☐ Prefix/suffix
- ☐ Course number
- ☒ Units
- ☐ Staffing formula and enrollment limits
- ☒ Prerequisites/corequisites
- ☒ Catalog description
- ☒ Course content
- ☐ References
- ☐ GE
- ☐ Other

Justification New title, units, and description reflect the new use of the Comp499 (capstone) number. Currently a colloquium, it will now be a project.

7. If this modification results in a GE-related change indicate GE category affected and Attach a GE Criteria Form:

A (English Language, Communication, Critical Thinking)

- A-1 Oral Communication ☐
- A-2 English Writing ☐
- A-3 Critical Thinking ☐

B (Mathematics, Sciences & Technology)

- B-1 Physical Sciences ☐
- B-2 Life Sciences – Biology ☐
- B-3 Mathematics – Mathematics and Applications ☐
- B-4 Computers and Information Technology ☐

C (Fine Arts, Literature, Languages & Cultures)

- C-1 Art ☐
- C-2 Literature Courses ☐
- C-3a Language ☐
- C-3b Multicultural ☐

D (Social Perspectives)

E (Human Psychological and Physiological Perspectives)

UD Interdisciplinary

8. New Resources Required. YES ☒ NO ☐

If YES, list the resources needed and obtain signatures from the appropriate programs/units on the consultation sheet below.

- a. Computer (data processing), audio visual, broadcasting needs, other equipment)
Personal computer and access to open lab time.
- b. Library needs

c. Facility/space needs

9. Will this course modification alter any degree, credential, certificate, or minor in your program? YES ☒ NO ☐

If, YES attach a program modification form for all programs affected.

10. Effective Date (Semester and Year): Spring 2008

William Wolfe

Proposer of Course Modification

10/13/06

Date

Approvals

Program/Course:

Program Chair(s)

Date

General Education Chair(s)

Date

Curriculum Committee Chair(s)

Date

Dean of Faculty

Date