

CALIFORNIA STATE UNIVERSITY CHANNEL ISLANDS

NEW COURSE PROPOSAL

PROGRAM AREAS BIOLOGICAL AND PHYSICAL SCIENCES, MATH AND 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 447. SOCIETAL ISSUES IN COMPUTING (3)

Three hours of lecture in the lab per week.
Prerequisites: Senior standing.

A survey course on the role of the digital computer in modern society. Topics include: dangers of the misuse of computers, privacy, copyright, computer crime, legal and social issues, as well as the proper and intelligent use of the machines.

GenEd:B4, D and Interdisciplinary

2. Mode of Instruction.

	Units	Hours per Unit	Benchmark Enrollment
Lecture	3	1	24
Seminar	_____	_____	_____
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 required course for Computer Science majors according to accreditation guidelines.

Through this course, students will be able to

- Explain the roles of computers in society and solve problems with computers in social sciences
- Explain consequences of educational digital divide of modern society in political, economical, and educational contexts
- Discuss and analyze history and problems of intellectual property, invasion of privacy and freedom of speech issues.
- Explain changes in society caused by computer use: demographical, social, psychological, etc.
- Explain influence of computer use on economy (e-commerce)
- Discuss the risks and benefits of an application of computers, computer security.
- Describe the responsibilities of users and creators of computer applications.
- Organize and express ideas clearly and convincingly in oral and written forms.

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)	X
E (Human Psychological and Physiological Perspectives)	

5. Course Content in Outline Form. *[Be as brief as possible, but use as much space as necessary]*

The Social impact of the computer
Philosophical ethics
Professional ethics and responsibilities of the computer professional
Ethics and the internet
Social implication of computarization and values
Privacy and computer security
Property rights
Accountability and legal issues
Social implications and values

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

Baase, *A Gift of Fire*, Prentice-Hall, 2nd Edition (2002) ISBN 0-13-008215-5
Johnson, *Computer Ethics*, Prentice-Hall 3rd Edition (2001) ISBN 0-13-083699-0

7. List Faculty Qualified to Teach This Course.

All Computer Science faculty.

8. Frequency.

a. Projected semesters to be offered: Fall Spring Summer

9. New Resources Required.

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

Use of existing computer lab.

b. Library needs

none

c. Facility/space needs

none

10. Consultation.

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

History _____ Business _____

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

Ivona Grzegorzcyk, Bill Wolfe

Proposer of Course

Date