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.

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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 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.]


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 ___X__

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 Grzegorczyk, Bill Wolfe

Proposer of Course __________________________ Date __________________________

NEWCRSFR 9/30/02