

SOUTHEAST MISSOURI STATE UNIVERSITY

DEPARTMENT OF Computer Science

COURSE NO. CS495

TITLE OF COURSE Senior Seminar

NEW 12-90

REVISED: 01-02

I. CATALOG DESCRIPTION AND CREDIT HOURS OF COURSE:

CS495. SENIOR SEMINAR. The impact of computer on society, ethical issues and privacy issues in the computer field. Pass/fail credit only.
Prerequisite: Computer Science Major or Applied Computer Science Major.
Enrollment in final semester of degree program, and passage of the 75 hr. Writing Test. Corequisite: concurrent enrollment in CS 003 (1).

II. PREREQUISITE(S): Computer Science Major or Applied Computer Science Major.
Enrollment in final semester of degree program, and passage of the 75 hr Writing Test. Corequisite: concurrent enrollment in CS 003.

III. PURPOSES OR OBJECTIVES OF THE COURSE:

- A. To gain an appreciation of the impact of computer technology on society.
- B. To develop a code of ethics appropriate for a computer science professional.
- C. To develop an awareness of the privacy and security issues in the computer field.
- D. To improve students' oral and written communication skills.

IV. EXPECTATIONS OF STUDENTS:

Students are expected to research issues in the discipline of Computer Science related to professional ethics, social impact, and economic concerns. They will make presentations to the class and lead and engage in class discussion.

V. COURSE CONTENT OR OUTLINE:

Students will be presenting most of the material in this course since it is a seminar course. The following outline has the approximate class periods to be devoted to each topic.

Topic	Class Hours
A. History and Current Events	2
B. Ethical Issues	3
C. Legal Issues	2
D. Social Issues	2
E. Privacy Issues	3

VI. TEXTBOOK(S) AND/OR OTHER REQUIRED MATERIALS OR EQUIPMENT:

- A. none. Students will research topics assigned using the resources in the library and from the Internet.

VII. BASIS OF STUDENT EVALUATION:

- A. Class presentations (50%)
- B. Class participation (50%)