CSC 301: Computers and Society
<Fall 2017>

Instructor	*M. Suchenek*	E-Mail	suchenek@csudh.edu
Classroom		Class Time	
Office		Office Hours	
Phone	(310) 243-3398	URL	http://csc.csudh.edu

CATALOG DESCRIPTION: Ethical, legal, psychological, economic, and theoretical implications and limitations of the uses of digital computers. Oral and written presentations required.

PRE-REQUISITE: CSC 121 or CSC 111 or CIS 270 are required; ECO 200 and ANT 100 are recommended.

PREREQUISITES BY TOPIC: Students should have a working knowledge of a contemporary programming language and general understanding oc computers and their applications.

TEXTBOOK: *Visual Basic.Net For Students*, Author: Bell, Year, Publisher: AW, ISBN:201742055

REFERENCE*:* *TBA*

COURSE GOALS
To provide introduction to and exposition of complex societal issues related to and/or caused by computers and their rapid proliferation, with particular emphasis on ==ethical, legal==, psychological, socio-economic, and theoretical implications and limitations of the uses of digital computers.

COURSE OUTCOMES:
Upon completion of this course, the student will have a general understanding of complex societal issues related to and/or caused by computers and their rapid proliferation. The student will possess a ==basic knowledge of legal and ethical principles and codes== that apply to these issues. Moreover, the student will acquire ability to research, analyze, criticize, and orally present positions and opinions about these issues. The knowledge learned in this course is supposed to provide a guidance in student's future professional endeavors.

ATTENDANCE: The student is responsible for materials missed during an absence, whether excused or not. Classes will start at the prescribed time and will end at the prescribed time. Instructor will be available during the posted office hours and you may make an appointment for times not posted.

GRADING BREAKDOWN:

Essays:	10%
Article:	20%
Oral presentation:	20%
Final:	50%

GRADING SCALE:

96-100 = A	90-95 = A-	
87-89 = B+	83-86 = B	80-82=B-
77-79=C+	73-76=C	70-72=C-
67-69=D+	63-66=D	below 60 = F

GENERAL POLICIES:

COMPUTER INFORMATION LITERACY EXPECTATIONS
It is expected that students will:
1. Use Microsoft Word for word processing unless otherwise approved by the instructor,
2. Be familiar with using email as a communication tool and check your official campus email account at least every other day;
3. Be able to access websites and online course materials which may require Flash and other plug-ins;
4. Use the library databases to find articles, journals, books, databases and other materials;
5. Be able to create an effective PowerPoint presentation;
6. Be able to record audio (ideally video) to share with the instructor via the web; and
7. Have regular access to a computer and internet access for the term of this course.

AMERICANS WITH DISABILITIES ACT
CSUDH adheres to all applicable federal, state, and local laws, regulations, and guidelines with respect to providing reasonable accommodations for students with temporary and permanent disabilities. If you have a disability that may adversely affect your work in this class, I encourage you to register with Disabled Student Services (DSS) and to talk with me about how I can best help you. All disclosures of disabilities will be kept strictly confidential. NOTE: no accommodation can be made until you register with the DSS. For information call (310) 243-3660 or to use the Telecommunications Device for the Deaf, call (310) 243-2028 or go to: http://www4.csudh.edu/dss/

ACADEMIC INTEGRITY
Academic integrity is of central importance in this and every other course at CSUDH. You are obliged to consult the appropriate sections of the University Catalog and obey all rules and regulations imposed by the University relevant to its lawful missions, processes, and functions. All work turned in by a student for a grade must be the students' own work. Plagiarism and cheating (e.g. stealing or copying the work of others and turning it in as your own) will not be tolerated, and will be dealt with according to University policy. The consequences for being caught plagiarizing or cheating range from a minimum of a zero grade for the work you

plagiarized or cheated on, to being dropped from the course.

BEHAVIORAL STANDARDS
Behavior that persistently or grossly interferes with classroom activities is considered disruptive behavior and may be subject to disciplinary action. Such behavior inhibits other students' ability to learn and an instructor's ability to teach. The instructor may require a student responsible for disruptive behavior to leave class pending discussion and resolution of the problem and may also report a disruptive student to the Student Affairs Office (WH A-410, 310-243-3784) for disciplinary action.

COURSE OUTLINE

Week	Topic	Note
1	Ethical and legal prerequisites. Readings: Declaration of Independence (selected topics from Preamble only) http://www.ushistory.org/declaration/document/index.htm Constitution (Preamble, Article I Section 8 [1], [3], [18] and Article VI [2] ? relevant powers of Congress - only) and Bill of Rights (all) and 14th Amendment (Equal Protection clause and powers of Congress only) http://www.britannica.com/eb/article-9116843/Constitution-of-the-United-States ACM Code of Ethics http://www.acm.org/about/code-of-ethics Golden Rule & Computers and Society http://www.itqual.com/docs/Subsumption-Ethics.pdf Chap. 10 Section 10.1 Ethics (all)	Chapter 10 Section 10.1
2	Working with Windows and DOS Systems	Chapter 3
3	Working with Windows and DOS Systems (cont.)	
4	Macintosh and Linux Boot Processes and Disk Structures	Chapter 4
5	The Investigator's Office and Laboratory	Chapter 5
6	Current Computer Forensics Tools	Chapter 6
7	Current Computer Forensics Tools (cont.)	
8	Digital Evidence Controls Processing Crime and Incident Scenes **Midterm Exam**	Chapters 7 and 8
9	Data Acquisition	Chapter 9
10	Computer Forensic Analysis	Chapter 10
11	Computer Forensic Analysis (cont.)	
12	E-mail Investigations	Chapter 11
13	Recovering Image Files	Chapter 12
14	Writing Investigation Reports	Chapter 13
15	Becoming an Expert Witness Review	Chapter 14
16	**Final Exam**	

Essays, Article, Oral Presentation, and Examination

Each student will be required to write a number of short essays and a 10 page article on a selected topic directly related to this course (needs professor's pre-approval). The first draft of the article is due at the time of its presentation (needs to be pre-arranged with the professor) in front of the class , and the final version of the article is due last day of class.