

Nature of Computing

CSCI 104 – Mon./Wed.

Fall 2006

Instructor: Matthew Weathers
Matthew.Weathers@biola.edu



Class Web Site: <http://csci.biola.edu/csci104> (*Syllabus, general info*)

Blackboard Site: <http://biola.blackboard.com> (*Online Grades, announcements*)

The Announcements section of the Blackboard site will contain the most up-to-date information about the class, and I will use BUBBS email as the primary way of making class announcements.

My Contact Information:

By email: Matthew Weathers on BUBBS (or Matthew.Weathers@biola.edu)
By Phone: Biola Ext 5173, or (562)944-0351 x 5173 (*My Biola Office*)
Mobile Phone: (562)322-7427 (*Okay to call any time, I turn off ringer at night*)
Math Department Secretary: Biola Ext 4741, (562)903-4741
Office: White 48A (McNally 48A)

Lectures: Library Downstairs Classroom: Mon/Wed 10:30am-11:20pm; Mon/Wed 4:30pm-5:20pm

My Goals: By the end of the semester, I hope to teach you:

1. To have a better understanding of some fundamental concepts in various branches of computer science and computer technology
2. To further develop some basic computer skills: using applications, making web pages.
3. To appreciate the historical and conceptual development of computer science and computer technology by studying some broad aspects of its history.
4. To gain insight into how some questions of technology interact with philosophy and theology, as well as some other disciplines such as art and mathematics.
5. To become comfortable in your ability to use technology and to learn on your own.

Grading Criteria

18% Weekly Reading Questions (9 weeks, 2% each)
40% Assignments (8 Assignments, about 5% each)
20% Test 1 – Midterm – October 11
22% Test 2 – Final Exam – Wednesday, December 13

You cannot turn in the Weekly Reading Questions late. If you must miss class, email me the answers or send them with someone else. There will be a penalty for turning in the Assignments late, (and a maximum of 1 week late allowed).

Required Text:

Computer Confluence, 7th Edition George Beekman, Michael J. Quinn.

Schedule of Lectures: (Monday/Wednesday)

Date	Topic	Homework Due
Aug 23	Intro/BUBBS/Digital Locker	
Aug 28	Files/Folders Organization & ZIP	HW1 – Email Me
Aug 30	Ch 0 – Internet Basics	Reading Questions – Ch 0

LABOR DAY – September 4

Sep 6	Ch 0 – Backups / Security	HW2 – Files/ZIP
Sep 11	Ch 1 – History: Computers & Internet	Reading Questions – Ch 1
Sep 13	Ch 1 – History of Internet Video Part 1	
Sep 18	Using MS Word, media in documents	
Sep 20	Ch 2 – Binary Numbers, Representation	Reading Questions – Ch 2
Sep 25	Ch 2 – Hardware, Ch 3	HW3 – Word
Sep 27	Using Excel	
Oct 2	Ch 3 – Disk Storage	Reading Questions – Ch 3
Oct 4	Ch 4 – Software	HW4 – Excel
Oct 9	Ch 4 – Operating Systems	Reading Questions – Ch 4
Oct 11	MIDTERM	
Oct 16	HTML / Intro to web pages	

TORREY CONFERENCE – Oct 18-20

Oct 23	Ch 5, Dreamweaver Basics	Reading Questions – Ch 5
Oct 25	Ch 6 – Graphics/Images	HW5 – Web Page: Genesis
Oct 30	Ch 6, Photoshop	
Nov 1	History Video Part 2	Reading Questions – Ch 7
Nov 6	Ch 7 – Identity Theft, Privacy	HW6 – Web Page: Part 2
Nov 8	Using Visual Basic	
Nov 13	Ch 8 – Networks / Wireless	Reading Questions – Ch 8
Nov 15	Ch 8 – Interpersonal Computing	
Nov 22	Ch 9 – Internet / WWW	HW7 – Visual Basic

THANKSGIVING – Nov 22-24

Nov 27	Ch 9 – Web Applications	
Nov 29	Ch 9 – Web Applications	Reading Questions – Ch 9
Dec 4	Ch 10 – Security	
Dec 6	The Future	HW8 – Final Project/Paper
Dec 13	FINAL EXAM: Wednesday 10am-12	<i>10:30am Section</i>
Dec 13	FINAL EXAM: Wednesday 5-7pm	<i>4:30pm Section</i>

Academic Integrity: Plagiarism is the act of presenting someone else's ideas and work as your own. It ranges from not citing the sources of ideas and textual excerpts to turning in an essay written by someone else. Plagiarism at Biola is not tolerated, and may result in failing the assignment or the course and further discipline by university officials.

Students with Disabilities: Students desiring accommodations for this class on the basis of physical, learning or psychological disability are to contact the Office of Disability Services. The Office of Disability Services is located in the Student Services Building and can be reached at ext. 5851.

I am looking forward to this opportunity to teach you this semester, and hope that I can help you see a little bit more of the goodness, truth, and beauty of God. Feel free to let me know if there's any way I can make this a more valuable learning experience for you.