

Computer Structure and Organization
COMP-280, Section 5037

Contra Costa College
Fall 2007

Title: Computer Structure and Organization	Section: COMP-280, Sec-5037
Class Hours: MW 2:10-3:30 PM in CTC-113	Instructor: Tom Murphy
Lab Hours: TuTh 2:10-3:30 PM in CTC-113	Office: CTC-125
Requirements: You must also be enrolled in COMP-095A-6342	Phone: 235-7800 X4348
Office Hours: MTuWTh 11:30-12:30pm, F12-1pm	Email: tmurphy@contracosta.edu
Text: <i>Computer Systems</i> , by Warford, 3e	Units: 4
Course URL: http://www.contracosta.edu/CS/murphy/COMP-280/	Grading Option: Student Choice
Yahoo Group: CCC-ComputerScience-subscribe@yahoogroups.com	Method of Instruction: Lecture and Lab
Podcast: http://deimos.apple.com/WebObjects/Core.woa/Browse/contracosta.edu.1273718453	

Overview:

This course provides an introduction to the organization and structure of the computer major hardware and software components, elemental computer circuits and systems, and machine language programming. Not repeatable.

Grading

Directed Reading Exams	1 point per exam	(15% total grade)
Homework	1 point per assignment	(20% total grade)
Project(Lab)	5% per lab	(20% total grade)
Midterm		(20% total grade)
Final		(25% total grade)

Grading Scale

Your final **grade** is based on the above grading scheme, as well as any Extra Credit opportunities which may be provided..

A	90% - 100%	Credit	65% - 100%
B	80% - 89%	No Credit	0% - 64%
C	65% - 79%		
D	50% - 64%		
F	0% - 49%		

Ground rules

- 1) Contents of this syllabus are subject to change with notification.
- 2) I will give you my respect. I expect your respect for all others in the course.
- 3) I will be doing some lectures during lab time. Lab time is typically a student directed problem session
- 4) You are responsible for the material of this course, as assigned in this syllabus, whether or not you are in class, and whether or not I cover it in class. If you don't understand, ask questions: in class, with a tutor, during office hours, or at some time we arrange.
- 5) Assigned Reading Exams are given in the first five minutes of each class. There is no makeup for these exams
- 6) Midterm will be Sept 27 during lab time. The final will be Dec 6 during lab time. These must be taken when scheduled and are open notes. Choose a seat for exams so that all seats next to you are empty. Make up exams will not be given without **prior** approval.
- 7) Labs will be used to focus on homework. They will be driven by student questions
- 8) Lecture and Laboratory attendance is required. I may choose to drop you if you miss more than two classes or labs without prior approval.
- 9) Homework is due in the beginning of class and will not be accepted late. Out of class work will take at least six hours per week to complete.
- 10) Opportunities for Extra Credit work may be given to stimulate student thinking and improve knowledge of course material.
- 11) I encourage you to work with other people on homework assignments. You or they may be able to explain something more clearly than I say it. However, all work you turn in must be your own and not just a copy of someone else.
- 12) Students with learning, physical, or psychological disabilities can discuss their needs with the staff in the DSPS office located in H19.
- 13) Tutoring is available from the tutoring center in AA-213. Consider using them to build your knowledge.
- 14) Aug 29 last day to add, Sept 14 last day to drop with no grade, and Nov 15 is last day to drop with grade

Tentative Schedule:

Date	Reading Assignments	H/W	Date	Reading Assignments	H/W	Project
			Aug 15		p28: 2b, 4cd, 6, 7c, 13	
Aug 20	1.1-1.3, 2.1-2.2	p80: 2bcde, 3bcde	Aug 22	2.3-2.4	p81: 7, 8	
Aug 27	3.1-3.4	p136: 2, 4, 6, 9, 16, 18, 21cde, 25, 26, 27bc	Aug 29	3.5-3.6	p139: 22, 35, 42, 44, 47bcd, 51	p83 #15
Sep 3	Holiday - Labor Day		Sep 5	4.1-4.2	p183: 2, 4, 6	
Sep 10	4.3-4.4	p184: 8, 9b, 10	Sep 12	5.1-5.2	p227: 2, 4, 6, 8, 11, 12b	
Sep 17	5.3-5.4	p229: 14, 16, 17, 19	Sep 18-20	Intel Developer Forum (I am gone)		p322 #22
Sep 24	6.1-6.2	p318: 1, 2, 4, 7	Sep 26	6.3-6.4	p318: 9, 11, 12, 15, 17	Midterm Chap 1-6 (Sept 27)
Sep 28	Holiday - Native American Day					
Oct 1	7.1	p379: 2, 3bc, 4bc, 5b, 6bcd, 9	Oct 3	7.2	p381: 11bcd, 12	
Oct 8	7.3	p381: 13	Oct 10	7.4	p381: 14	
Oct 15	8.1-8.2	p436: 2defg, 3, 4cde, 7def, 9def, 11def	Oct 17	8.3	p438: 17, 18b, 20bcd, 24bcd	
Oct 22	8.4	p441: 25cde	Oct 24	9.1	p481: 1, 2, 3	p383 #20
Oct 29	9.2	p482: 4bcd, 7	Oct 31	9.3	p482: 11bcd	
Nov 5	10.1	p538: 2, 6, 8bcd, 13bc	Nov 7	10.2	p539 14bcd, 16abc, 17, 19, 20bc	
Nov 12	Holiday - Veterans Day		Nov 13-15	Supercomputing 2007 (I am gone)		
Nov 19	10.3	p541: 28b, 29b, 30bcd, 32bcd, 34bcd, 35bcd	Nov 21	10.4	p542: 36bcd, 39, 41, 45	
Nov 22-23	Holiday - Thanksgiving					
Nov 26	11.1	p587: 2, 3cde, 5ac, 8bcde	Nov 28	11.2	p588: 9bc, 10, 12	p441 #28
Dec 3	11.3	p588: 13b, 15bcd, 18bcd	Dec 5	12	final	Final Chap 1-11 (Dec 6)