

CIT080 -- Inside the PC

Fall 2005

Instructor: Richard Collette

Instructor E-mail: rcollette67@gmail.com

Class website: www.richardsclass.com

COURSE DESCRIPTION

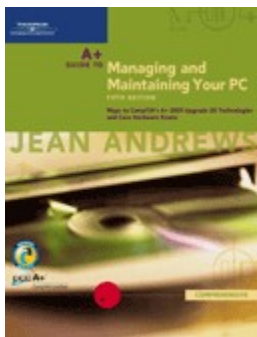
An Introduction to the personal computer at the machine level. Topics include the system board, keyboard, disk drives, interface cards, monitors, printers, machine organization and design conventions

Associate Degree Applicable

MEETING TIME AND PLACE

sec 01: Thursday, 6:00PM – 8:50PM, B210

TEXTBOOK



**A+ Guide to Managing and Maintaining your PC
Comprehensive, Fifth Edition**

ISBN: 0-619-21324-8

GRADING

Exams (4@100 points,-lowest dropped)	300
Lab Assignments (11 @ 10 points each -lowest dropped)	100
Unannounced Quiz (up to 4)	100
Final	200

Point System

700 total assigned points

A	>= 630
B	>= 560
C	>= 490
D	>= 420
F	<= 419

COURSE POLICIES

Student Conduct in Class Policy: Any acts of classroom disruption that go beyond the normal rights of students to question and discuss with instructors the educational process relative to subject content will not be tolerated.

Children in Class Policy: Children are not permitted in the class.

Electronic Devices in Class Policy: Cellular telephones, pagers, CD players, radios, and similar devices are prohibited from **being used** in the classroom and laboratory facilities. Reasonable laptop-size computers may be used in lecture for the purpose of taking notes.

Examination Policy: Four **announced** examinations and **several unannounced** quizzes will be given. No make-up exams will be allowed without prior arrangements being made. Make-up exams must be taken when scheduled. **No quiz make-ups are allowed.** One page of hand written notes may be used when taking an examination or final. The page of notes must be turned in with the test.

No exam will be given to a student who enters the class after the first student to complete the exam has left the room.

The lowest score from an announced examination will be dropped.

To prepare for examinations, attend lecture and read the chapters. At least 90 % of the questions are taken directly from the reading material and from the handouts.

If lab assignments are not done in class, they are due at the beginning of class on the next class meeting.

If you are absent or late, you are responsible for getting the course notes you missed. Handouts given in class will be available on the class web page. www.richardsclass.com

Incomplete Policy: Students will not be given an incomplete grade in the course without sound reason. In any case, for a student to receive an incomplete, he or she must be passing and must have completed a significant portion of the course.

Disabilities Policy: In compliance with the Americans with Disabilities Act (ADA), all qualified students enrolled in this course are entitled to "reasonable accommodations." Please notify the instructor during the first week of class of any accommodations needed for the course.

Cheating Policy: Students are expected to uphold the school's standard of conduct relating to academic honesty. Students assume full responsibility for the content and integrity of the academic work they submit. The guiding principle of academic integrity shall be that a student's submitted work, examinations, reports, and projects must be that of the student's own work. Students shall be guilty of violating the honor code if they:

1. Represent the work of others as their own.
2. Use or obtain unauthorized assistance in any academic work.
3. Modify, without instructor approval, an examination, paper, record, or report for the purpose of obtaining additional credit.
4. Misrepresent the content of submitted work.

The penalty for violating the honor code is severe. Any student violating the honor code is subject to receive a failing grade for the course..

For this class, it is permissible to assist classmates in general discussions of computing techniques. General advice and interaction are encouraged. Each person, however, must develop his or her own solutions to the assigned projects, assignments, and tasks. A student may not use or copy (by any means) another's work (or portions of it) and represent it as his/her own.

Dropping policy: *It is a student's responsibility to drop this class.* The instructor reserves the right to drop a student for any valid reason, including but not limited to missing six classes, cheating and improper behavior. If you are still enrolled after November 20th 2005, You can not be dropped and will receive a grade.

Viewing Your Grades: Your grade will be available on Campus Central at SBVCs web site. www.valleycollege.edu. If you do not have Internet access you make ask the instructor any time what your grade is up to that point.

Class Schedule:

Week	1 st -2 nd hour (lecture)	3 rd hour (lab)
08/18/05	Introduction	
08/25/05	Chapter 1 – Introducing Hardware	Using Sandra to examine a computer
09/01/05	Chapter 2 – How an Operating System Works with the Hardware and Software	Using the Device Manager
09/08/05	Chapter 3 – Understanding the Boot Process	Intro to the Command Prompt
09/15/05	Chapter 4 – Electricity and Power Supplies	Exam 1 (Chapters 1-4)
09/22/05	Chapter 5 – The Motherboard	Modifying the BIOS
09/29/05	Chapter 6 - Memory Chapter 7 – Floppy Drives	Installing/Identifying Memory
10/6/05	Chapter 8 – Understanding Hard Drives	Exam 2 (Chapters 5-8)
10/13/05	Chapter 9 – Optimizing and Protecting Hard Drives	Hard Drive Installation
10/20/05	Chapter 10 – Supporting I/O devices Chapter 11 – Multimedia and Mass Storage	Diagnose Hardware Problems
10/27/05	Chapter 17 – Communicating over Phone lines	Installing Windows
11/03/05	Chapter 18 – PCs on a Network	Exam 3 (chapters 9,10,11,17,18)
11/10/05	Chapter 19 – PCs on the Internet	Sharing files and folders
11/17/05	Chapter 20 – Notebooks and PDAs	Using FTP, Telnet, Terminal Services.
11/24/05	Thanksgiving Holiday	
12/01/05	Chapter 21 – Supporting Printers. Installing Printer Drivers (lab)	Exam 4 (Chapters 19-21)
12/08/05	Review	Lab Makeup
12/15/05	FINAL	

August 2005						
M	T	W	T	F	S	S
25	26	27	28	29	30	31
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				
September 2005						
M	T	W	T	F	S	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		
October 2005						
M	T	W	T	F	S	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						
November 2005						
M	T	W	T	F	S	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				
December 2005						
M	T	W	T	F	S	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	1
2	3	4	5	6	7	8

**** IF LABS ARE NOT DONE IN CLASS, THEY ARE DUE AT THE BEGINNING OF CLASS THE WEEK AFTER IT WAS ASSIGNED ****