

CSI 1430

Introduction to Computer Science I

Baylor University
School of Engineering & Computer Science
Summer 2006

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Office Hours: M-F 9:30 AM – 11:00 AM

Class BLOG URL
<http://CSI1430.petermmaurer.com>

Meeting Times

Class: MTWRF 1:00 PM – 2:30 PM (May 30, 2006 – July 1, 2006)
Lab: TR 2:40 PM – 4:10 PM (May 30, 2006 – July 1, 2006)

Final Exam

Friday, June 30, 2006 1:00 PM – 2:30 PM (written)
Saturday, July 1, 2006 1:00 PM – 2:30 PM (practicum)

Textbook:

Starting Out with C++ ALTERNATE, Tony Gaddis

Grading:

Quizzes	10%	90-100	A
Lab	15%	88-89	B+
Programs	10%	80-87	B
Term Project	15%	78-79	C+
Mid-Term	25%	70-77	C
Final Exam	25%	60-69	D
Total	100%	<60	F

Average = Quiz Avg * .10 + Lab Avg. * .15 + Prog Avg. * .10 + Project * .15 + MidTerm * .25 + Final * .25

Program Multiplier = 1 – 0.05 * (number of programs NOT completed on time)

Final Average = Average * Program Multiplier

Attendance :

It should be your goal to attend every scheduled class meeting. The policy of this course is that 80% attendance is required to pass. It is your responsibility to keep track of your absences.

ACM:

The Department of Computer Science has an active student chapter of the Association for Computing Machinery (ACM). Each student is encouraged to become involved in the academic life of the computer science department. Participation in the activities of this organization is an excellent way to meet other students and faculty, learn more about the department and profession, and have fun!

Learning Objectives

The student in CSI 1430 should be able to:

- Use problem-solving strategies to develop an algorithmic solution to a problem.
- Develop procedural programming skills in a high-level programming language.
- Demonstrate an understanding of data representation.
- Implement an algorithm in a high-level programming language.
- Successfully use a program development environment.
- Competently demonstrate programming-related communication skills.

Programming Assignments:

The course will include programming assignments. Each assignment will consist of two parts: (1) Analysis and Algorithm (flowchart) , and (2) the C++ program. The assignment will be handed out in lecture and the analysis and algorithm will be due at the next class meeting. If you miss a class, it is your responsibility to find out whether you have an assignment. No late work will be accepted.

Programs should be turned in on or before the date indicated on the assignment sheet. Programs turned in after the due date will receive a grade of zero.

Honor Code:

Students are expected to abide by the Baylor Honor Code. All exams, quizzes, and programming assignments are to be completed by each student on an individual basis, unless otherwise instructed. Working together with other students on programming assignments is prohibited. Copying another student's work will not be tolerated. Allowing other students to copy your work is also cheating and will not be permitted. Any violation of the Honor code will be reported to the Honor Council and may result in failure of the course.

Class Policies:

- The Baylor attendance policy will be enforced.
- If you are unable to attend class, because of an illness or some other extreme circumstance, it is your responsibility to notify me (by e-mail or phone) before class begins.
- Discussing and exchanging ideas is encouraged; however, copying from any outside sources (e.g., fellow students, Web, etc.) is intolerable. Typically, cheating will result in failure of the class. Each student is responsible for securing his or her work from copying. Infractions may be turned over to the honor council. I assume that you have read and understood Baylor's academic honesty policy. Please work through me to resolve potential problems, rather than cheating.
- All assignments must be turned in on time. No assignments will be accepted after the due date.
- There will be no make-up work or extra credit.
- The use of electronic devices, without first obtaining permission, is strictly prohibited during class.

CSI 1430, Summer 2006

Wk	Date	Chapter	Lab	Program	Quiz	Term Project
1	5/30/2006	1	Lab 0		Pre-Test	
1	5/31/2006	1		Prog 1		
1	6/1/2006	2	Lab 1		ch 1	
1	6/2/2006	2				
	6/3/2006					
	6/4/2006					
2	6/5/2006	3		Prog 2		Spec.
2	6/6/2006	3	Lab 2		ch 2	
2	6/7/2006	4				
2	6/8/2006	4	Lab 3	Prog 3	ch 3	
2	6/9/2006	4				
	6/10/2006					
	6/11/2006					
3	6/12/2006	5		Prog 4		Design
3	6/13/2006	5	Lab 4		ch 4	
3	6/14/2006	5				
3	6/15/2006	6	practicum			
3	6/16/2006	midterm (chapters 1-5)				
	6/17/2006					
	6/18/2006					
4	6/19/2006	6		Prog 5		Test Plan
4	6/20/2006	6	Lab 5		ch 5	
4	6/21/2006	7				
4	6/22/2006	7	Lab 6	Prog 6	ch 6	
4	6/23/2006	8				
	6/24/2006					
	6/25/2006					
5	6/26/2006	8		Prog 7		Doc.
5	6/27/2006	9	Lab 7		ch 7	
5	6/28/2006	9				
5	6/29/2006	Team	Lab 8	Prog 8	ch 8	
5	6/30/2006	Final				
	7/1/2006	Practicum (chapter 1-9)				

midterm	25%
Labs	15%
Quiz	10%
Prog	10%
Project	15%
Final	25%
<hr/> Total	<hr/> 100%