ICS111 Introduction to Computer Science I  
Spring 2006

Instructor: Blanca J. Polo  
Office location: DA-210  
Contact Information: blanca@hawaii.edu, (808) 455-0319.

Office Hours  
- Monday and Wednesday from 12:30 to 1:30 pm  
- Friday from 11:00 to 12:00 noon  
- If a special appointment is needed please e-mail the instructor at least 24 hours in advance.

Catalog Course Description:  
This is an introductory course in computer programming. Emphasis on structured programming, problem solving, algorithm development, computer language coding, implementation and debugging/testing (45 lecture hours).

Co-Requisites: none.

Prerequisite: ENG21 or 22, Math 103 or equivalent with a grade of C or better or consent of the instructor.

Recommended preparations: ICS100

Textbooks and other resources
Required Books:  

Our class website:  
http://www2.hawaii.edu/~tp_202/ics111/sp2006/  
In this site you will find the latest information about the class as well as links to class-related material. Bookmark it in your home browser. There will be a link to it from our WebCT site. (http://webct.hawaii.edu)

Email  
E-mail will be the main mean of communication outside the classroom. Code, instructions and discussions will take place over UH mail. If you have another account and you wish that your e-mail will be sent there as well as your UH e-mail account, you should let the instructor know. You should check your e-mail at the very least once a day. Our class e-mail is: ics111-list@hawaii.edu. If you send e-mail to the list everyone in the class will get it. You may e-mail the instructor directly to blanca@hawaii.edu
**Student Learning Outcomes:**
Upon successful completion of this course the student should be able to:
- Explain the steps involved in the programming process.
- Solve simple problems and express those solutions as algorithms.
- Use the fundamental techniques of selection, looping, assignment, input, and output in describing the steps the computer is to take in carrying out an algorithm.
- Write, test, and debug elementary programs.
- Demonstrate an understanding of classes, objects, methods, and parameter passing and returns.
- Work with arrays in searching and sorting applications.
- Work with strings

**Building a Digital Portfolio**
Students in this course will build a digital portfolio that will help students, manage, reflect, share and present the results of their academic career as well as co-curricular and personal experiences. They will be able to digitally share this portfolio with prospective employers, potential schools, friends and family. You can sign up for iWebFolio directly at http://iwebfolio.com/ for $35, or you can order it from the bookstore and pay $38 using your preferred form of payment. The bookstore will take orders for the iWebfolio registration until Jan. 20. Seminars in how to use iWebFolio will be during the first few weeks of class. You may attend the one that is most convenient for you.

**Grading Policy:**
Programming assignments 40%
Quizzes 10%
Midterm Exam 1 10%
Midterm Exam 2 10%
Final Exam 20%
Digital portfolio 5%
Class participation 5%

I do **not** grade on a curve. Grades will be given based on the following table:

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<th>Grade</th>
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**Students with disabilities statement:**
Leeeward Community College abides by section 504 of the rehabilitation act of 1973 and the Americans with disabilities act of 1990, which stipulate that no student shall be denied the benefits of an education “solely by the reason of a handicap”. Students with documented disabilities who believe that they may need accommodations in this class are encouraged to contact the coordinator of the KAKO'O'IKE (KI) program as soon as possible to ensure that such accommodations are implemented in a timely fashion. The KI office is located in L-208, across from the elevator in the library building or call for information at 455-0421.