Elementary Programming

Syllabus

INF 120 Section 3 Spring 2008

Instructor: Yi Hu
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Office: ST 370
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Office Hours: M,T,W,R 3:00pm - 4:00pm and by appointment

Class Meeting Time: TR 9:25am – 10:40pm
Class Meeting Place: ST 108


Prerequisites: C or better in MAH 099 or placement

Course Content: An elementary introduction to programming for those with no previous programming experience. Emphasis on understanding how to read and write basic procedural programs, and on understanding the concepts of algorithm and execution.

Course Topics: This course will introduce programming concepts to undergraduate students. It will cover the following topics:
- Introduction to Computers and Programming
- Introduction to C++
- Expressions and Interactivity
- Decisions
- Looping
- Functions
- Arrays
- Searching and Sorting

Student Outcomes: By the end of the course, students will
- Understand programming Concepts
- Understand data types, operators, input and output, control structures, ways to effectively store and access data
- Understand how to write modules for bigger program
- Be able to solve practical problems by using C++

Student Assessment Information: Students will be assessed through homework assignments and tests that are designed to demonstrate the student’s understanding of each concept.
Grading: Assignments: 40%
Test 1 (9:25am – 10:40am, Thursday, Feb. 14, 2008): 20%
Test 2 (9:25am – 10:40am, Thursday, Mar. 27, 2008): 20%
Final exam (10:10am – 12:10pm, Tuesday, May 6, 2008): 20%

Grading Procedure for Assignments:
Students should turn in their assignments in hard copy in class on the due date for each assignment. For an assignment turned in after the due date, 10% of your score will be deducted for every calendar day that the assignment is late. Also, once the solution to an assignment has been discussed in the class or posted on NKU’s Blackboard System, no late assignment will be accepted.

Attendance: Attendance will be taken for each class.

Absentee Policy: Students should make their best efforts to attend each class. If you missed any class, you are responsible for any content covered in that class.

Make-up Test: Only for a reasonable reason a student can be allowed to have a make-up test for one of the missed tests. The student needs to notify the instructor immediately after the missed test with a verifiable reason. After getting the permission for the make-up test from the instructor by email, the student will be given a make-up test. A student can only have one make-up test for this class.

Disability Disclosure: Students with disabilities who require accommodations (academic adjustments, auxiliary aids or services) for this course must register with the Disability Services Office. Please contact the Disability Service Office immediately in the University Center, Suite 320 or call (859)572-6373 for more information. Verification of your disability is required in the Disability Services Office for you to receive reasonable academic accommodations.