

**EBUS 5050/7050 – Introduction to Programming for Workforce Development
Fall Semester 2008**

Location & Schedule

Rivers Crossing 143

Wednesdays: 4:30-7:15 p.m.

Final Examination: Wednesday, December 17th, 4:30-6:30 p.m.

Course web site – <http://www.coe.uga.edu/~rhill/ebus5050>

Note: The course syllabus is a general plan for the course; deviations announced to the class by the instructor may be necessary.

Instructor

Name: Roger B. Hill, Ph.D.

Office: 209 River's Crossing

Office Hours: by appointment

Phone: 542-4100 FAX: (706) 542-4054

Email: rbhill@uga.edu

Required Textbooks

Java Programming: Complete Concepts and Techniques; 3rd Edition

Shelly, Cashman, Starks, & Mick

2006, Thomson Course Technology Division of Cengage Learning

ISBN-13:978-1-4188-5984-8

Other Required Materials

- ◆ Storage media for computer work (USB memory recommended)
- ◆ Java SE Development Kit (JDK) 6 <http://developers.sun.com/downloads/new.jsp>
- ◆ Eclipse Classic <http://www.eclipse.org/downloads/moreinfo/classic.php#>
- ◆ Additional optional tools (Dr. Java, Notepad2, etc.)

Description of Course

Basics of computer program development. Focus on creation, manipulations, editing, and critique of computer programs, as well as ethics of computer programming. Strategies for preparing people to teach programming.

Objectives of the Course

Students who successfully complete this course will be able to:

1. Identify, compare, and contrast types and levels of programming languages
2. Plan and develop programs using the program development life cycle
3. Understand the ethical responsibilities of the programmer
4. Create a program solution to solve a real-world problem
5. Solve problems using decision structures D
6. Develop an understanding of and appreciation for programming as a workforce tool.

Additional Graduate Level Objectives

- 7. Identify and describe an array of instructional strategies for teaching programming
- 8. Describe strategies for introducing programming instruction within a business education curriculum
- 9. Demonstrate appropriate research strategies for maintaining programming competencies

Student Activities

- 1. Study of assigned readings.
- 2. Completion of assigned exercises, projects, and problems.
- 3. Participation in class discussions.
- 4. Completion of periodic papers and examinations.

Evaluation

| | |
|---|-----|
| Class participation..... | 5% |
| Assigned exercises, laboratory activities, programming assignments..... | 45% |
| Mid-term examination..... | 25% |
| Final examination..... | 25% |

Grading Scale: A ----- 90-100
 B ----- 80-89
 C ----- 70-79
 D ----- 60-69
 F ----- 0-59

+ / - Grades: In situations where a student’s final course average is within a fraction of a point of the minimum level for a particular letter grade, a minus grade will be awarded at the discretion of the instructor. In some instances a plus letter grade will be used when the final course average is within the upper bounds of the range for a particular letter grade. In no instance will a student receive less than the letter grade associated with the lower limits of the ranges presented above for a particular final course average.

Class Participation

Punctuality and attendance are important to successful completion of requirements for this course. For that reason, attendance will be taken at each class meeting. The class participation portion of the course evaluation will be based on punctual attendance to all class meetings, participation in class discussions, and appropriate care of computer equipment.

Note: Students with disabilities who require reasonable accommodations in order to participate in course activities or meet with course requirements should contact the instructor during regular office hours or by appointment.

Exercises, Projects, and Learning Activities

Several exercises, projects and learning activities will be used throughout the term to provide problem solving experience and opportunities for enriching the content covered in class. All written work should be prepared using appropriate word processor and printing technology and should be checked for correct spelling, punctuation, grammar, and usage.

Instructional Materials Development. Students registered for EBUS 7050 will complete additional graduate level objectives through preparation of a unit of instruction related to course content. Further details of this activity will be determined in consultation with the course instructor.

Examinations

There will be two (2) examinations during the term, a midterm (covering material from the first class meeting to the date of the exam) and a final (a comprehensive exam related to any/all material covered during the term). The date and time of the final examination is provided on the first page of this syllabus.

Dishonesty

All academic work must meet the standards contained in *A Culture of Honesty*. Each student is responsible to be informed about those standards before performing any academic work.

Dishonesty of any type, related to completion of course assignments, examinations, or other required activities is a serious offense. Should such an instance occur, it will be handled in accord with University regulations as described in the current edition of the *Graduate Bulletin*.

Drop Policy

The drop policy is described in the Schedule of Classes. If circumstances arise that will prevent a student from adequately fulfilling course requirements, it is important to address procedures to drop the class prior to the mid-point of the term.