

Information Systems 122 Section 1

Introduction to Business Programming

Syllabus- Fall 2007



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Instructor: Kerry Alt
E-Mail: <mailto:kalt@nmsu.edu>

Office: Guthrie 212
Phone: (505) 646-3645
 (please leave message)

Office Hours: T-TH, 10:30-11:30 a.m.
 or by appointment.

Home Page: <http://business.nmsu.edu/~kalt>

Meeting Place: BC 115

COURSE DESCRIPTION: IS 122 is an introduction to Computer Programming with a business approach using the Java programming language. By the end of the semester, each student should be able to demonstrate:

- the skills necessary to design and implement solutions to basic computational problems using the Java programming language
- knowledge of Java applets and applications sufficient to move toward full-scale enterprise application development
- command of the basic programming control structures necessary to imbed business logic in Java classes
- command of the rudiments of Java programming, i.e. the terminology, structure, style, and syntax of the language
- learn usage of an Integrated Developers Environment (Netbeans or Eclipse)

REQUIRED MATERIALS:

Text: Java : How to Program, [Deitel & Deitel](#), 7th ed. The individual examples used in the text are on the CD that accompanies the text.

DEVELOPMENT ENVIRONMENT

A CD-ROM is included with the textbook. The student may choose any of the systems on the CD, but reading the [installation instructions](#) page on the Deitel site is essential. Newer versions of the software is provided from the site free of charge.

Who Should Take This Course?

- Business Computer Systems majors or others who have passed Math 115 (or equivalent) with the grade of "C" or better, or consent of instructor.
- The expectation of students in this course is to leave with a solid understanding of the basic programming concepts necessary to proceed to IS 222. N.B. Emphasis will be placed on design and programming as well as a command of programming concepts and nomenclature. Students will be expected to demonstrate proficiency in these areas in the class examinations.

Who Should Not Take This Course?

- Anyone who has not completed the prerequisites (subject to instructor approval)

Classroom Policies

- **Attendance:** Attendance is not required, but is highly recommended.
- **Excused absences:** A University approved excuse will be required for an absence to be excused.
- **Drop/Add procedures:** As stated in University catalog.
- **Tardiness:** Please be considerate of fellow students. Please enter quietly and do not disrupt class.

- **Make-up tests:** Make-up examinations will be given ONLY in the case of a University approved absence (documentation required) or prior arrangement with the instructor.
- **Questions during class:** Please feel free to raise your hand and ask questions in class.
- **Homework:** Homework will be submitted electronically and in hardcopy will therefore be time stamped.
- **Communications devices:** Communications devices such as pagers and cellular phones must be off and/or silent during class. Devices that disrupt the class will be confiscated and sold as scrap metal.
- **Tardy Homework:** Homework will not be accepted late without a valid university excuse.
- **Socializing during class:** Much of the class time will be spent in discussion groups of various sizes. However, when one person is talking all class members are expected to listen to that person. People not willing to listen will be asked to leave the classroom.
- **Web-CT:** This course is support by Web-CT (World Wide Web Course Tools). This includes class specific email, chat rooms, bulletin boards, practice quizzes, course schedule and on-line grades. Students will become proficient in the operation of the WebCT system. An excellent starting point is the WWW page: <http://www.nmsu.edu/~scholars/ital/introltr.htm>.

GRADING

- **PROGRAMMING ASSIGNMENTS**

A number of programming assignments will be given in class. These assignments will account for 10% of your final grade. A word on formatting: all assignments will be graded on readability and the quality of the documentation. To this end, all students should use the [style guide](#) to assure consistency in coding style. This topic will be discussed in detail in class.

- **EXAMINATIONS**

Classroom exams count for 80%, and WebCT and pop quizzes count for 10% of your grade. A significant number of the questions for the exams will come from in-class lectures and discussion, as well as the programming assignments so attendance and diligent work on the programming assignments is strongly recommended.

- **SCALE**

After exams and programming assignments are tabulated, letter grades will be assigned as in the table below. NOTE: I will do some rounding, but in the following manner: 89.444 is a B, no exceptions, but 89.445 will round to an A. Make SURE that you do all the work so you don't wind up a hundredth or thousandth of a point short, because I give you the grade you earned, nothing more, nothing less. Students taking the course S/U must have a 'C' or better average to earn a 'S' for the course.

90-100%	A
80-89.9	B
70-79.9	C
60-69.9	D
Below 60	F

IMPORTANT DATES

The NMSU Academic Calendar is available on-line at the following link. Students should refer to this calendar regularly to be sure of drop/add and other important dates.

[NMSU Academic Calendar](#)

ADDITIONAL INFORMATION

Academic Dishonesty	As all assignments in this course are of an individual nature, joint work is considered to be inappropriate and will be dealt with as necessary. Situations involving illegal or inappropriate behavior can result in disciplines up to and including as University censure. Please reference the NMSU Student Handbook for a full description of the NMSU Policy, or view the policy online at: www.nmsu.edu/vpsa/handbk~2.pdf
Academic Appeals Process	Information about the academic appeals process appears in every edition of the undergraduate catalog. Probably the most important thing for you to know (besides the fact that there is an appeals process) is that the process is started by submitting a written appeal to the course instructor within 30 days of the start of the term following the term in which the grievance occurred. Please ask me if you need help with this.
Removal from Class	It will be the responsibility of the student to monitor their progress and decide if it is appropriate to withdraw from the class. I will not automatically disenroll students for persistent absences or persistent failure to complete assignments.
E-Mail response time	I will read e-mail daily. Therefore, you can anticipate responses within 24 hours.
Incomplete Grades	Incomplete grades are to be given only if a student has passed the first half of the course, and is unable to complete the course due to circumstances beyond the student's control. (If the circumstances develop during the first half of the course, the student has the opportunity to drop the class.) Examples of appropriate circumstances are documented illness, documented death or crisis in the student's immediate family and similar circumstances. The catalog states that job related circumstances are generally not appropriate grounds for assigning an I grade and that this grade is not to be used to avoid assigning a D, F, or U grade.

Disabilities Statement

If you have, or believe you have, a disability and would benefit from any accommodations, you may wish to self-identify by contacting the Services for Students (SSD) Office located in Garcia Annex (phone:646-6840; TTY 646-1918) to register. If you have already registered, please make sure that your instructor receives a copy of the accommodation memorandum from SSD within the first two weeks of classes. It will be your responsibility to inform either your instructor or SSD representative (in a timely manners) if the services /accommodations provided are not meeting your needs.

If you have a condition that may affect your ability to exit safely from the premises in an emergency or that may cause an emergency during class, you are encouraged to discuss any concerns with the instructor or Ms. Jane Spiniti, SSD Coordinator.

Feel free to call Ms. Elva G. Telles, EEO/ADA & Employee Relations Director, at 646-3333 with any questions about the Americans with Disabilities Act (ADA) and/or Section 504 of the Rehabilitation Act of 1973. All medical information will be treated confidentially.

Expected level of participation

You are strongly encouraged to participate in the classroom discussions, but this will not be explicitly monitored. Because we will use more than one methodology for classroom participation, you may find that you are more comfortable with alternative methods.