



IST 209 – Intro to Java Programming

Instructor:	Andrew Aken			
Office:	College of Applied Sciences and Arts – ASA 117			
Office Hours:	Tuesday	12:30 pm – 2:30 pm		
	Wednesday	9:30 am – 11:30 am		
	Thursday	12:30 pm – 2:30 pm		
E-Mail:	ajaken@cba.siu.edu			
Website:	http://siu.globaleyes.com/2007-Fall/IST209/			
Class Time:	Section 1	T	11:00 – 12:15	ASA 111
		Th	11:00 – 12:15	ASA 112c
	Section 2	M W	1:00 – 1:50	ASA 214
		F	1:00 – 1:50	ASA 112c

Course Objectives:

This course is designed to provide students with experience in the fundamentals of Java programming. This includes coverage of the principles of programming (including control structures, methods, and object-oriented programming) and the core features of Java. Emphasis will be given to problem solving, program design, testing and documentation.

Prerequisites:

IST109

Required Textbooks:

Starting Out With Java 5: from Control Structures to Objects by Tony Gaddis from Scott/Jones Publishers (ISBN: 1-57676-171-1)

Course Policies:

1. Class Attendance and Preparation Policy

Class preparation is strongly suggested. The instructor reserves the right to cancel any lecture when the majority of the class is unprepared or the attendance falls below 66% of the class enrollment. Course requirements will not be reduced to compensate for such cancellations. There will be many assignments and quizzes which must be completed during class time. Late submissions of these assignments will not be accepted without an excused absence.

2. Make-up Policy

Generally, students will be allowed to make-up missed exams if the absence is excused. All excused absences must be documented and approved IN ADVANCE (when applicable) and IN WRITING to the instructor.

3. Academic Dishonesty Policy

Any student who is found cheating during an examination or assists another student in cheating during an examination will automatically fail the course. The case will be forwarded to the appropriate individuals for university action. Any student caught cheating or helping a student cheat on any assignment will automatically receive a 0 on that assignment. Cheating includes, but is not limited to, crib sheets (unless approved by the instructor), copying answers from another student's exam, use of recording devices, submitting work that is not your own on individual assignments, and gaining unauthorized prior access to exams or answers.

4. Grade Appeals Policy

It is the student's responsibility to keep all graded materials that have been returned. The instructor's grades will be assumed to be accurate unless you can prove otherwise. Any student wishing to appeal a grade must submit a WRITTEN appeal indicating a complete explanation of why the student feels they deserve a different grade. Verbal grade appeals will not be accepted.

Course Grades				Grading Scale	
Small projects	There will be written projects to be completed, usually during class time and occasionally outside of class. These brief projects will usually be worth 5 or 10 points each. Many of the projects will come from those listed in the text, so be sure to bring your book to class EVERY DAY.	Variable	150	92.0–100.0%	A
				84.0–91.99%	B
				76.0–83.99%	C
				68.0–75.99%	D
Computer assignments	There will be many computer assignments, most of which will involve Java programming. Points will vary according to difficulty.	Variable	250	< 67.99%	F
Quizzes	There will be several quizzes which will generally involve programming. Most quizzes will be announced; some may be pop quizzes.	Variable	150		
Exams	There will be up to three exams (including the final) worth 150 points each. Specific dates will be announced at least one week in advance.	3	450		
			Total	700	

Class Website

Once the student information has been entered into the class website, you will be able to access your grades and student-specific information, if applicable. Your logon ID will normally be your first initial concatenated to your last name in all lower case (e.g. aaken). Your initial password will be the same as your logon ID (this can be modified once you have logged in). If you experience any problems with accessing the class website, please notify me at AJAken@AkenBros.com.

Homework Submissions:

Take home assignments are due at the start of class on the specified dates. Assignments that are turned in within 1 week of the due date will be docked 25% of the available points. Assignments turned in more than one week late, but prior to the last week of the semester will be docked 50% of the available points. All assignments must be presented in a professional manner (i.e. grammar/spelling, not hand-written, etc.). Do not procrastinate!!

For all electronic forms of Homework, you should upload them to the class' webserver. The assignment must be received **prior** to the beginning of class on the day which the assignment is due.

Topical Outline (tentative):

- I. Fundamentals of Object-Orientation and Java
 - A. Object-Oriented Programming
 - B. Java Fundamentals
 - C. Assignment Statements
 - D. Output
 - E. 2 Methods for User Input
- II. Decision Structures
 - A. If's and if-else's
 - B. Logical operators
 - C. String comparisons
- III. Loops
 - A. Conditional loops
 - B. Loops for data validation
 - C. Increment and decrement operators
 - D. Accumulators
 - E. Counted loops
- IV. Methods
 - A. Parameters
 - B. Returned Values
 - C. Invoking Statements
- V. Classes
 - A. Classes and Objects
 - B. Instance Variables and Instance Methods
 - C. Constructors
 - D. Overloading Methods

Southern Illinois University Carbondale is committed to providing a safe and healthy environment for study and work. Because some health and safety circumstances are beyond our control, we ask that you become familiar with the SIU-C Emergency Response Plan and Building Emergency Response Team (BERT) programs. Emergency response information is available on posters in buildings on campus, available on the BERT website at www.bert.siu.edu, Department of Public Safety's website at www.dps.siu.edu (disaster drop down) and in Emergency Response Guidelines pamphlets. Know how to respond to each type of emergency.

Instructors will provide guidance and direction to students in the classroom in the event of an emergency affecting your location. **It is important that you follow these instructions and stay with your instructor during an evacuation or sheltering emergency.** The Building Emergency Response Team will provide assistance to your instructor in evacuating the building or sheltering within the facility.