COURSE SYLLABUS

Semester: Spring 2013
Course Prefix/Number: COP 2253
Course Title: Java Programming.
Course Credit Hours: 3.0

Instructor Contact Information:
Dr. Thomas Reichherzer
Building 4, Room 427
Email: treichherzer@uwf.edu
Tel: (850) 474-2612
Office Hours:
   Mo: 11:00 am – 12:00 pm
   Tue: 2:00 pm – 3:00 pm

Course Website: http://elearning.uwf.edu/ (login and select COP2253).

Prerequisites or Co-requisites: none.

Course Description: This course introduces fundamental concepts in computer programming and algorithm development using the Java programming language. Students learn how to design, implement, execute, and document computer programs.

Topics covered in this course include:

- **Java language fundamentals**: programming concepts that will be discussed include simple data types and structured data types, control structures, functions/methods, classes, and objects.

- **Problem analysis and program design**: methods and tools will be introduced to support problem analysis and program design including flow charts, syntax diagrams, UML diagrams, and more.

- **Tools for program development, execution, testing, and document**: tools will be introduced that guide the process of program development, testing, and documentation.

Course work: You will be required to solve several programming problems and complete weekly quizzes and reading assignments as well as short programming problems. The programming problems provide an opportunity for students to apply the concepts and methods discussed in class. In addition to solving programming problems and answering quiz questions, you will be required to take three exams, two midterm exams, and a final exam that are designed to test the students' ability to solve practical and theoretical programming problems. You are expected to complete work on schedule. Deadlines are part of the real world environment you are being prepared for.
**Expected Outcome:** At the conclusion of this course, you should be able to:

- apply the Java programming language to develop cohesive solutions to practical and theoretical programming problems,
- understand and apply basic object-oriented design principles for software development,
- use both integrated development tools and command line tools for software development, compilation, execution, debugging, and documentation.


**References:**


**Grade Distribution and Scale:**

1. Programming Assignments 30%
2. Mid-Term Exams 25% (12.5% each)
3. Comprehensive Final 25%
4. Workshop Assignments 10%
5. Weekly Quizzes 10%

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**Grading Policies:**

The lowest programming project and workshop grade will be dropped prior to calculating final GPA. In addition, at the end of the term I will have an extra optional programming assignment that can be substituted for a missing or low programming project or workshop grade. Therefore, although not recommended since the programs help with exam preparations, you can miss an assignment or two and it will not affect your final grade. However, because of this policy, I will not accept any late assignments for any reason (computer malfunction, Internet connect failure, job, medical problem etc). In addition, all programming assignments must be uploaded to the specified eLearning Dropbox; emailed assignments will not be accepted.

**Exams:**

Midterm exams will be proctored. You need to make arrangements in advance to proctor the midterm exams. For more information on proctoring exams consult the UWF Web site here: [http://askatc.uwf.edu/Proctored-Exams.ashx](http://askatc.uwf.edu/Proctored-Exams.ashx). Once you made arrangements for taking the
midterm exams, please post in the eLearning Discussion Board the location where you will be
taking the exam. The final exam is comprehensive. You may have noticed that the exams are
weighed heavily in relationship to the programming assignments. This is by design. Assistance,
resources and time are plentiful for the programming assignments; however, you are on your
own during the exams, so the exams are a true test of your understanding of the material.
Therefore, you must prepare extensively for the exams or there will be a significant difference
between your programming grades and your exam grades. The final exam will be given at the
UWF Main Campus on Saturday April 27, 2013, 9:00am – 11:30 room 102, building 4. Makeup
exams will NOT be given except with a serious, documented medical or legal excuse. You are
required to notify your instructor in a timely manner to explain your situation and make
arrangements.

It is the student’s responsibility to check graded assignments when they are returned to you. I
will gladly re-grade an assignment when a question or mistake is brought to my attention. To
ensure fairness, I reserve the right to re-grade the entire assignment. As a result, your grade may
increase, decrease, or remain the same. Grades will not be changed after two weeks from the date
graded assignments are returned to the class. A Graduate Assistant (GA) may grade the
assignment. Please feel free to contact the instructor if you have question or need more extensive
feedback related to an assignment.

Technology Requirements:

All programming projects will require you to use the Java development environment. This
environment is available in the CS Department Multiplatform lab in building 4, room 221, the
SAIL lab in building 79, and in eDesktop on Argus Software tab. You may also create your own
development environment by downloading the Java development kit and the jGrasp integrated
development environment to your personal computer. You will be given instructions on getting
started with the Java environment at the start of the class.

Expectations for Academic Conduct/Plagiarism Policy:

As members of the University of West Florida, we commit ourselves to honesty. As we strive for
excellence in performance, integrity (personal and institutional) is our most precious asset.
Honesty in our academic work is vital, and we will not knowingly act in ways which erode that
integrity. Accordingly, we pledge not to cheat, nor to tolerate cheating, nor to plagiarize the work
of others. We pledge to share community resources in ways that are responsible and that comply
with established policies of fairness. Cooperation and competition are means to high
achievement and are encouraged. Indeed, cooperation is expected unless our directive is to
individual performance. We will compete constructively and professionally for the purpose of
stimulating high performance standards. Finally, we accept adherence to this set of expectations
for academic conduct as a condition of membership in the UWF academic community.

Any occurrence of academic dishonesty, including all forms of cheating and plagiarism, will
result in action ranging from a grade of zero on the assignment to expulsion from the university.
For more information, see the UWF Student Handbook (http://www.uwf.edu/uwfmain/stuHandbk/).

**Assistance:**

Students with special needs who require specific examination-related or other course-related accommodations should contact the UWF Office of Disabled Students Services (http://www.uwf.edu/sdrc/ or tel. 850-474-2387). DSS will provide the student with a letter for the instructor that will specify any recommended accommodations.

**Other Course Policies**

*Online Resources:* Please explore the UWF Online Campus Web site to familiarize yourself with online resources (e.g., tips, FAQs).

*Communication:* I am available during the Elluminate sessions and office hours for any course-related questions you may have. As an online student, you can either visit my office (should you be on campus) or call me on the phone or send me email. For visitations outside the office hours, please make an appointment with me by email. You are responsible for checking your UWF email and the *eLearning* course room to keep up with important announcements and to access class resources, assignments, etc. In general, I would encourage you to post general questions to the discussion board in *eLearning*, which I will check regularly to answer questions. It will give everyone in the class a chance to benefit from the discussion that follows from your questions.

*Participation:* Discussions and homework are an important part of learning. Participation in classroom discussions is an integral part of this course.

*Grades:* All grades will be posted in *eLearning*. It is your responsibility to ensure that the grades you receive on project work and quizzes accurately reflect the grades posted online in the grade book. Final grades will be calculated using the standard UWF grade distribution. For withdrawal deadlines from individual or all registered courses please visit the UWF Academic Calendar at http://uwf.edu/registrar/annualcal2012-2013.pdf. Withdrawals after the deadline will result in a grade of *WF* or withdrawal-failing. Applying for an incomplete or *I* grade will be considered only if: (1) there are extenuating circumstances to warrant it, AND (2) you have a passing grade and have completed at least 70% of the course work, AND (3) approval of the department chair.

*Participation and Feedback:* I encourage active participation and regular feedback. I believe that effective communication between the instructor and students will make the course more useful, interesting, and productive. Please contact me in the course discussion area if you have any questions, concerns, or suggestions!
Important Note: Any changes to the syllabus or schedule made during the semester take precedence over this version.