CS 1351: Java Programming

Instructor: Dr. William J. Wolfe
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Office: MCS 220A  Hours: M-F 1-3PM
Phone: 325-486-5444
(For best results, contact the instructor via email).

Course Description
This course covers the basics of Java programming including data types, arrays, objects, methods, recursion, algorithms and graphics.

Required materials (i.e. textbooks, software, etc)
- A CS 1351 Course packet is available in the ASU Bookstore.
- You can download the Netbeans IDE at https://netbeans.org/ or just use the MCS labs where it is already installed.

Prerequisites
There are no prerequisites for this course

Technical skills required for the course
As with any online courses students must be able to operate a computer and have the necessary technical skills to navigate around a web page.

Time spent on this course
- Students can expect to spend a minimum of 6 hours per week to complete all the readings and assignments.
- The time needed for adequate study and understanding of the course material, as well as discussion posts and critical thinking for all exercises and papers amounts to between six and seven hours per week.

Goals, Objectives, and Outcomes
Upon completion of this course, you should be able to:
A. Basic data types.
B. If/then/else control structures
C. Do loops
D. While loops
E. Methods
F. Arrays
G. Objects
H. User defined Classes
I. Java Swing graphics programming
Method of Assessing Outcomes

- Must do Packet Projects 1 – 20, 28, 30. Project 28 (Shooting Game) and Project 30 (Madlibs) are to be completed in the last 3 weeks of the semester.

Grades
Projects 1 – 20 are worth 20 points each. Project 28 (Shooting Game) and Project 30 (Madlibs) are worth 50 points each. There are 500 total points and the student’s final grade is computed as a percentage. For example, if a student earns 425 points out of 500, the grade is $\frac{425}{500} \times 100 = 85\%$ which corresponds to a “B”.

Criteria for Grading:

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<thead>
<tr>
<th>Grade Range</th>
<th>Letter Grade</th>
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<tbody>
<tr>
<td>90-100%</td>
<td>A</td>
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<tr>
<td>80-89%</td>
<td>B</td>
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<td>70-79%</td>
<td>C</td>
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<td>60-69%</td>
<td>D</td>
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<tr>
<td>Below 60%</td>
<td>F</td>
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Final Exam

- This course does not require a final examination, as such, but does require a submitted final project.

Administration

- Students may receive occasional emails from the course instructor and are expected to respond promptly.

- Failure to participate or communicate on the part of a student will result in an appropriate reduction of grade and possibly in failure of this course.

Late work
Late assignments will be considered at the discretion of the instructor, but as a general rule any assignment that is more than 1 week late is worth at most 50% of its original value. Please complete your assignments on time and stay in sync with the flow of the class.

Policy on incompletes

- From the ASU Catalog:
  The grade “I” is given when the student is unable to complete the course because of illness or personal misfortune. An “I” that is not removed before the end of the next long semester automatically becomes an “F”. Students will be allowed one year to remove a grade of “I” before it automatically becomes an “F”. To graduate from ASU, a student must complete all “I”’s.
University Policies

Academic Integrity
Angelo State University expects its students to maintain complete honesty and integrity in their academic pursuits. Students are responsible for understanding and complying with the university Academic Honor Code and the ASU Student Handbook.

Accommodations for Disability
The Student Life Office is the designated campus department charged with the responsibility of reviewing and authorizing requests for reasonable accommodations based on a disability, and it is the student's responsibility to initiate such a request by contacting the Student Life Office at (325) 942-2191 or (325) 942-2126 (TDD/FAX) or by e-mail at Student.Life@angelo.edu to begin the process. The Student Life Office will establish the particular documentation requirements necessary for the various types of disabilities.

Student absence for religious holidays
A student who intends to observe a religious holy day should make that intention known in writing to the instructor prior to the absence. A student who is absent from classes for the observance of a religious holy day shall be allowed to take an examination or complete an assignment scheduled for that day within a reasonable time after the absence.