Instructor: Zeyun Yu (You can call me Zane)  
Email: yuz@uwm.edu  
Class Hours: EMS E180, MW 10am-10:50am  
Office Hours: EMS 327, MW 11am-12:00pm or by appointment

<table>
<thead>
<tr>
<th>Lab Instructor</th>
<th>Email</th>
<th>Labs</th>
<th>Office</th>
<th>Office Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hosein Barzekar</td>
<td><a href="mailto:barzekar@uwm.edu">barzekar@uwm.edu</a></td>
<td>805 &amp; 806</td>
<td>EMS 1010</td>
<td>Th 12-2pm</td>
</tr>
<tr>
<td>Antonio Moctezuma</td>
<td><a href="mailto:moctezu2@uwm.edu">moctezu2@uwm.edu</a></td>
<td>803 &amp; 807</td>
<td>EMS 1010</td>
<td>W 12-2pm</td>
</tr>
<tr>
<td>Victor Williamson</td>
<td><a href="mailto:vlw@uwm.edu">vlw@uwm.edu</a></td>
<td>801 &amp; 802</td>
<td>EMS 1010</td>
<td>Tu 2-4pm</td>
</tr>
</tbody>
</table>

Feel free to stop by any of the TA's office hours for assistance, regardless of you being in their section or not. If none of the times work, please feel free to email or make an appointment.

Course Objectives
To learn basic object orientated programming skills in Java. Students will learn how to create simple classes, create class hierarchies, use inheritance and polymorphism, write and handle exceptions, read and write simple text files, and be able to create graphical user interfaces.

Recommended Text
Introduction to Programming with JAVA, A Problem Solving Approach  
ISBN13 978-0-07-337606-6  
MHID 0-07-337606-x

Grading
Course letter grades will be assigned using the following scale, unless we decide the sale is too harsh (in which case the scale will be adjusted accordingly).

<table>
<thead>
<tr>
<th>Letter Grade</th>
<th>A</th>
<th>A-</th>
<th>B+</th>
<th>B</th>
<th>B-</th>
<th>C+</th>
<th>C</th>
<th>C-</th>
<th>D+</th>
<th>D</th>
<th>D-</th>
<th>F</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum Score</td>
<td>92</td>
<td>88</td>
<td>84</td>
<td>80</td>
<td>77</td>
<td>74</td>
<td>70</td>
<td>67</td>
<td>64</td>
<td>60</td>
<td>57</td>
<td>0</td>
</tr>
</tbody>
</table>

10% Labs
There will be a lab exercise during each lab meeting. The lab exercises are graded as pass/fail. A good attempt should count as a passing grade. The lowest lab score is dropped. If a lab is posted early, you may complete the lab prior to your lab section and show your TA for grading at their convenience.

10% Quizzes
There will be a quiz during each lab meeting. Quiz content will focus on material presented in lecture the week prior. The lowest quiz score is dropped.

35% Assignments
There will be ten or more programming assignments. Programs must be submitted to the D2L dropbox and will be graded on correctness, clarity, and style. Assignments are assigned at the end of lecture on Monday and will be due the following Monday at 10am unless noted otherwise. The lowest assignment grade will be dropped (assignments given a 0 for academic misconduct will not be dropped).
45% Exams
You will have one midterm and one cumulative final (with a strong emphasis on the materials covered after
the midterm). Exams will take place during regular lecture period. Exam week labs will be replaced by an ad-
hoc review given by the lab instructors (you should come prepared with questions).

20% March 13 (10am - 10:50am) Midterm
25% May 16 (8:00am - 9:30pm) Final

Late Policy
Late homework will not be accepted. Computer systems sometimes go down before an assignment is due,
you will need to plan for this. We suggest starting early to help avoid unexpected events.

Make-up Policy
Failure to attend an exam without substantial and verifiable cause will not in any way warrant a make-up
exam. The exam dates are posted above, please plan accordingly. If there will be conflict with the above
dates, please let us know immediately.

Missed labs or quizzes due to unforeseen circumstances may be made up by the Friday of the week the lab
or quiz was assigned at the instructor's convenience. If done so, the instructor may be stricter when
checking the lab and include a short oral evaluation to ensure the material is understood.

Participation by Students with Disabilities and Religious Observances
If, due to a disability, you need special accommodations in order to meet any of the requirements of this
course, you should contact your instructor as soon as possible.

Students will be allowed to complete examinations or other requirements that are missed because of a
religious observance, provided that the student notifies the instructor of the religious observance during the
first three weeks of the semester. For complete details of UWM's policy on religious observances, see
https://www4.uwm.edu/secu/docs/other/S1.5.htm.

Cheating & Collaboration
All graded assignments must be your own work (your own words), but you may work with other people as
long as you list their names prominently on the first page of the assignment, and/or in a comment at the top
of the assignment, for example:

// Wendy Lee, Homework #6, CS 251
// I discussed this assignment with Sam White, and Pat Long.
// We shared ideas for parseString() method but did not write any code.

For this course, verbal communication and collaboration using non-code text or hand-written code is
permitted, as long as it is properly documented. Documentation must also be made for help from anyone
not in the course, such as a tutor, friend, or relative, and for information off the Web.

Automatic copying of assignments (e.g. email, messaging, flash drive copies, printed hard copies, etc) is
forbidden. At the very least, you must write every word in your assignments. If you are unsure whether
something is permitted, please check with an instructor or TA. Consequences for cheating will range from
receiving a 0 on an assignment to an 'F' for the course based on frequency and severity.
Whether or not you have permission of the other person, submitting someone else's work as your own is plagiarism, a serious instance of academic misconduct. Everyone is responsible for learning the material themselves. Some of the assignments may be graded in person, especially in cases where the individual contribution to the assignment is not clear. If you are graded in person, you will be expected to demonstrate that you have mastered techniques used in the material you submitted.

The university has a responsibility to promote academic honesty and integrity and to develop procedures to deal effectively with instances of academic dishonesty. Students are responsible for the honest completion and representation of their work, for the appropriate citation of sources, and for respect of others’ academic endeavors. A more detailed description of Student Academic Disciplinary Procedures may be found at: http://www4.uwm.edu/acad_aff/policy/academicmisconduct.cfm.

In-Class Communication
Please no talking to other students and silence cell phones while in class. It is not only rude to the instructor, it can be disruptive to other students trying to listen. If you must take a call, please leave the room.

Tentative Outline (subjective to minor changes)

<table>
<thead>
<tr>
<th>Monday</th>
<th>Wednesday</th>
<th>Topics</th>
<th>Reading</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/23</td>
<td>1/28</td>
<td>Introduction to Course / Review CS250</td>
<td>Ch. 1-4</td>
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<tr>
<td>1/25</td>
<td>2/4</td>
<td>Object Orientated Programming</td>
<td>Ch. 6</td>
</tr>
<tr>
<td>2/11</td>
<td>2/18</td>
<td>Object Orientated Programming</td>
<td>Ch. 7</td>
</tr>
<tr>
<td>2/25</td>
<td>2/8</td>
<td>Recursion</td>
<td>Ch 11</td>
</tr>
<tr>
<td>3/4</td>
<td>3/11</td>
<td>OOP – Interface, Aggregation, Composition</td>
<td>Ch 13</td>
</tr>
<tr>
<td>3/13</td>
<td>3/18</td>
<td>Software Engineering &amp; Midterm (10:00am - 10:50am)</td>
<td>Ch 8</td>
</tr>
<tr>
<td>3/20</td>
<td>3/25</td>
<td>Spring Break (No Class)</td>
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<tr>
<td>3/27</td>
<td>4/1</td>
<td>Arrays</td>
<td>Ch 9</td>
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<tr>
<td>4/3</td>
<td>4/8</td>
<td>Lists and ArrayList, Maps and HashMap</td>
<td>Ch 10</td>
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<tr>
<td>4/10</td>
<td>4/15</td>
<td>Exception Handling</td>
<td>Ch 15</td>
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<tr>
<td>4/17</td>
<td>4/22</td>
<td>File I/O</td>
<td>Ch 16</td>
</tr>
<tr>
<td>4/24</td>
<td>4/29</td>
<td>Graphical User Interface (GUI)</td>
<td>Ch 17</td>
</tr>
<tr>
<td>5/1</td>
<td>5/6</td>
<td>GUI: Additional Components</td>
<td>Ch 18</td>
</tr>
<tr>
<td>5/8</td>
<td>5/16</td>
<td>Final Review</td>
<td></td>
</tr>
<tr>
<td></td>
<td>5/16</td>
<td>Final Exam (8:00am - 9:30am)</td>
<td></td>
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</table>