Course Instructor
Name: Intro to Programming for Business App  Professor: Min Chen, Ph.D.
Meeting Place: Innovation Hall 223  Office: Enterprise Hall 140
Meeting Time: Wednesday 7:20pm – 10:00pm Phone: (703) 993-4276
Website: http://mymason.gmu.edu/ Email: mchen15@gmu.edu
Office Hour: Tues. & Thurs. 1–2pm or by appointment

Course Materials
a. Primary Textbook (required): Introduction to Java Programming, Brief  

b. Software: Java SE Development Kit (JDK) 8 is required for developing java  
   programs and it can be downloaded at:  
   http://www.oracle.com/technetwork/java/javase/downloads/jdk8- 
   downloads-2133151.html. You will also need java development tools and  
   jGRASP is the recommended development environment. It is lightweight,  
   easy-to-use, and implemented in Java. It is free and can be found at:  
   http://www.jgrasp.org/

c. This course will use Blackboard to deliver course materials such as lecture  
   notes, announcements, online discussions, and assignments, etc. Additional materials beyond the  
   textbook may also be posted on Blackboard. It is important for you to visit Blackboard  
   (http://mymason.gmu.edu) regularly for course materials and announcements.

Course Description
This course covers design and implementation of computer programs (Java) to solve business problems using  
structured and object-oriented programming techniques. Students become familiar with program development life  
cycle using Java supported by a modern development environment. Students complete assignments involving  
problem solving and development of business application.

Learning Objectives
Students are expected to:
1. Learn how to create, execute and test java programs  
2. Understand fundamental programming concepts and develop basic programming skills  
3. Develop the skills of formulating programmatic solutions for real problems  
4. Acquire the basic skills of writing programs using loops, methods, and arrays, and begin to learn  
   object-oriented programming using classes and methods.

Grading
Students must be officially registered in this course to receive a grade. It is the sole responsibility of the student to  
verify their own registration status. You will not receive a grade if your name does not appear on the official class  
list. Registration problems should be directed to either the Office of Student Services or the Registrar’s Office. Your  
final grade is composed of the following components:
Participation & Professionalism | Students are expected to conduct themselves in a professional manner and actively participate in lab practices and discussions in the classroom. | 10%
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Assignments | Four (4) assignments will be given during the semester. These will consist of problem sets designed to offer you practice opportunities and enhance your understanding of the concepts covered in class. Instructions for the homework assignments and submission guidelines will be posted on blackboard. | 30%
Quizzes | The quizzes consist of multiple choices, fill in blank, or short answer questions based on the lectures, book, and other required readings. If you take all four (4) quizzes, only the best three (3) scores are used in final grade calculation. Quizzes are closed book and closed notes and will be given at the beginning of classes on the dates designated on the course schedule. | 15%
Midterm Exam | Cover the first half of the semester. Scheduled on March 2, 2016. Closed-book and closed-notes. | 20%
Final Exam | Cover the entire semester. Scheduled at 6:45pm on May 6, 2016. Closed-book and closed-notes. | 25%

Grading for the course will be based on total points earned by the end of the course. Final course letter grade assignments will approximate the table below:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>93% - 100%</td>
</tr>
<tr>
<td>A-</td>
<td>90% - 92.99%</td>
</tr>
<tr>
<td>B</td>
<td>87% - 89.99%</td>
</tr>
<tr>
<td>B-</td>
<td>83% - 86.99%</td>
</tr>
<tr>
<td>C</td>
<td>77% - 79.99%</td>
</tr>
<tr>
<td>C-</td>
<td>70% - 76.99%</td>
</tr>
<tr>
<td>D</td>
<td>60% - 69.99%</td>
</tr>
<tr>
<td>F</td>
<td>below 60%</td>
</tr>
</tbody>
</table>

If you have a question about your grade or you believe that you were graded incorrectly, please submit a formal and written request describing the situation and the reasons that justify your request for re-grading. In this case, I will re-grade the entire work, and the grade may go up or down. Your request for the review of a grade must be made formally and in writing within one week (7 calendar days) of the graded deliverables being discussed or returned in the class. After that period no grade will be revised.

You are also required to keep all graded material that is returned to you till after the semester is over and you have checked your final grade. If there is a discrepancy between my records and your scores for any of the graded material at any time, my records will be altered only if you can produce the graded material that I have returned to you as evidence – failing which no changes will be made.

**Class Participation & Professionalism**

All students are expected to participate in lab practice and class discussions (e.g., ask and answer questions). Your participation is highly recommended for this course and counts for 10% of the final course grade. I recognize that not all students are equally comfortable with participating in class; however, this is a relatively low risk environment in which to practice skills that you will need later in life. Quality of contribution in class is much more important than quantity. Students are asked to upload a picture of themselves on Blackboard by 5:00pm on Jan 27 to facilitate effective class discussion, and this is a part of your participation and counts for 1% of the final course grade. There will be multiple lab practices through the semester and your performance in these session are also considered an important component for class participation.

All students are expected to conduct themselves in a professional manner. This includes factors such as coming to class on time every day. Engaging in activities that are unrelated to the class such as, texting, playing on laptop, doing work of other classes, or anything else that detracts from the in-class learning environment (e.g., coming late, leaving early or in the middle of a class) is not acceptable and will affect your participation grade. Be courteous to and respectful to your colleagues and the instructor in class. Please do not bring and eat foods during class.

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Course Policies

Attendance
Class Attendance is your responsibility, and you are solely responsible for all assignments, discussions, material presented/provided and announcements made in class.

Late Assignment
All assignments are due at 5pm (before the class) on the due date, submissions after that will be considered late. Please prepare in advance so that you will not encounter technical difficulties that will result in your work being considered late or not accepted. If you cannot attend class on the day an assignment is due, please make prior arrangements with me or turn in the assignment early.

Late assignment submissions are subject to penalties:
- Late within 1 hour ................. 5% off
- Late more than 1 hour but less than 24 hours ......... 15% off
- Late more than 24 hours but less than 48 hours .......... 30% off
- Penalty after 48 hours ........ Not accepted

Make up Exams/Quizzes
Absence from an exam/quiz will result in a score of zero and makeup exams/quizzes will not normally be offered. A student who misses an exam due to an emergency may petition for a makeup exam. The petition must be in writing and be accompanied by appropriate documentation about the emergency. Petitioning for a makeup exam does not guarantee that one will be offered. That decision is at the sole discretion of the instructor who will determine whether the evidence offered by the student justifies the absence.

Communications
All communications from me to you will be directed via email. I will address all of my emails only to your GMU email address for concerns of privacy and confidentiality. If you use another e-mail account as your primary email, please be sure to forward your GMU email to that account. You are encouraged to post your questions related to the lectures and assignments to the Discussion Board on Blackboard.

Announcements and Updates
Announcements and updates may be posted on Blackboard; it is your responsibility to check Blackboard regularly for these and any supplemental course materials. Email announcements between class meetings may be sent to your GMU email account.

Policy on Electronic Devices
Technology can greatly assist learning, but it can also be a distraction. Please keep cell phones, pagers, and other communicative devices stowed away and in silent/vibration mode. Laptops or other electronic devices should strictly be used for class related activities such as taking notes or following lectures. Engaging in activities not related to the course (e.g., gaming, email, chat, etc.) is strictly prohibited and will affect your participation grade.

Disability
If you are a student with a disability and you require academic accommodations, please see me and contact the Office of Disability Services (ODS) at (703) 993-2474 (http://ods.gmu.edu/), at the beginning of the semester. All academic accommodations due to disability must be arranged through the ODS and should be made during the first two weeks of the semester.

Important Dates
- Last day to add classes: Feb 1, 2016
- Last day to drop with a 33% tuition penalty: Feb 9, 2016
- Final drop deadline (67% tuition penalty): Feb 19, 2016
- You can check the office of registrar’s website at: http://registrar.gmu.edu/calendars/spring-2016/
**Tentative Course Schedule**

This schedule is subject to change and any change will be duly announced in the class and/or in Blackboard.

<table>
<thead>
<tr>
<th>Week</th>
<th>Date</th>
<th>Topics</th>
<th>Readings &amp; Deliverables</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1/20</td>
<td>Class Intro &amp; Intro to programming and java</td>
<td>Ch. 1</td>
</tr>
<tr>
<td>2</td>
<td>1/27</td>
<td><strong>Class cancelled due to winter storm</strong></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>2/3</td>
<td>Elementary programing</td>
<td>Ch. 2</td>
</tr>
<tr>
<td>4</td>
<td>2/10</td>
<td>Selection</td>
<td>Ch. 3, Quiz 1</td>
</tr>
<tr>
<td>5</td>
<td>2/17</td>
<td>Loops</td>
<td>Ch. 5, Assignment 1 Due</td>
</tr>
<tr>
<td>6</td>
<td>2/24</td>
<td>Loops</td>
<td>Ch. 5, Quiz 2, Assignment 2 Due</td>
</tr>
<tr>
<td>7</td>
<td>3/2</td>
<td>Midterm Exam</td>
<td></td>
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<tr>
<td>8</td>
<td>3/9</td>
<td><strong>Spring Break – No Class</strong></td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>3/16</td>
<td>Method</td>
<td>Ch. 6</td>
</tr>
<tr>
<td>10</td>
<td>3/23</td>
<td>Method</td>
<td>Ch. 6</td>
</tr>
<tr>
<td>11</td>
<td>3/30</td>
<td>Array</td>
<td>Ch. 7, Quiz 3</td>
</tr>
<tr>
<td>12</td>
<td>4/6</td>
<td>Multidimensional array</td>
<td>Ch. 8, Assignment 3 Due</td>
</tr>
<tr>
<td>13</td>
<td>4/13</td>
<td>Object and Classes</td>
<td>Ch. 9, Quiz 4</td>
</tr>
<tr>
<td>14</td>
<td>4/20</td>
<td>Object and Classes</td>
<td>Ch. 9</td>
</tr>
<tr>
<td>15</td>
<td>4/27</td>
<td>Review</td>
<td>Assignment 4 Due</td>
</tr>
<tr>
<td>16</td>
<td>5/6</td>
<td><strong>Final Exam (Starts at 6:45 pm)</strong></td>
<td></td>
</tr>
</tbody>
</table>

**HONOR CODE**

The Honor Code is an integral part of university life. Students are responsible, therefore, for understanding the code’s provisions. In the spirit of the code, a student’s word is a declaration of good faith acceptable as truth in all academic matters. Cheating and attempted cheating, plagiarism, lying, and stealing of academic work and related materials constitute Honor Code violations. To maintain an academic community according to these standards, students and faculty must report all alleged violations to the Honor Committee. Any student who has knowledge of, but does not report, a violation may be accused of lying under the Honor Code.

The University’s Honor Code is designed to ensure that the principles of academic honesty and integrity are upheld. All students are expected to adhere to this code. All acts of academic dishonesty will be dealt with in accordance with the provisions of this code. More detail on University’s Honor Code available online at [http://catalog.gmu.edu/content.php?catoid=17&navoid=1310#Honor](http://catalog.gmu.edu/content.php?catoid=17&navoid=1310#Honor).

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**School of Business Recommendations for Honor Code Violations**

*Adopted by the faculty May 2012*

**UG-Non Freshman Students (including transfer students)**

<table>
<thead>
<tr>
<th>Type of Violation</th>
<th>First Offense</th>
<th>Second Offense</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plagiarism—failure to cite/attribute sources</td>
<td>An F in the class; multiple visits to the Writing Center required; and Academic Integrity Seminar Attendance</td>
<td>An F in the class; multiple visits to the Writing Center required; Academic Integrity Seminar Attendance; dismissal from the program; and possible suspension or expulsion</td>
</tr>
<tr>
<td>Plagiarism—representing someone else’s work as the student’s own</td>
<td>An F in the class; multiple visits to the Writing Center required; and Academic Integrity Seminar Attendance</td>
<td>An F in the class; multiple visits to the Writing Center required; Academic Integrity Seminar Attendance (at times of hearing and reenrollment if relevant); dismissal from the program; and possible suspension or expulsion</td>
</tr>
<tr>
<td>Cheating on an assignment, homework, class participation, or minor project</td>
<td>An F in the class; and Academic Integrity Seminar Attendance</td>
<td>Expulsion</td>
</tr>
<tr>
<td>Cheating on a major project, test, or exam</td>
<td>An F in the class; Academic Integrity Seminar Attendance; and at least one semester suspension</td>
<td>Expulsion</td>
</tr>
<tr>
<td>------------------------------------------------</td>
<td>---------------------------------------------------------------------------------</td>
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</tr>
<tr>
<td>Egregious Violation [e.g., stealing an exam; submitting coursework from another class as original work; lying to an employer about academic performance]</td>
<td>Dismissal from the program; at least one year suspension; and attendance at Academic Integrity Seminar at the time of hearing and just prior to reenrollment</td>
<td>Expulsion</td>
</tr>
</tbody>
</table>

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