CS 1351.020
Java Programming

Instructor

Dr. Erdogan Dogdu
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Phone: 325-486-5444
Office: MCS 205A

Office Hours: M-F 1:00pm – 2:00pm or by appointment

Course Information

Course Description
Programming concepts and development in the Java language.

Prerequisite Courses
None

Course Goals
The goal of this course is to master the basics of computer programming and the foundations of object-oriented programming using the Java programming language.

Student Learning Outcomes
When you complete this course, you should be able to:

• Explain the basic syntax of the Java programming language,
• Create, compile, and run a Java program,
• Construct a program using one or more of the following structures: sequence, selection, and repetition,
• Define and utilize methods and arrays,
• Define classes and instantiate objects,
• Solve problems and create solutions using the Java language.

Required Materials

Textbook: Online zyBook: Java Programming
1. Click on your zyBooks link in Blackboard (Do not go to the zyBooks website and create a new account)
2. Subscribe: Subscription is $77. Students may begin subscribing on Aug 12, 2019 and the cutoff to subscribe is Nov 30, 2019. Subscriptions will last until Dec 27, 2019.
**Software:** Eclipse IDE for Java Developers
- Available on the machines in the MCS computer labs.
- You can [download](#) Eclipse free of cost. Details will follow in class.

**Blackboard:** You are required to study all material posted on Blackboard.

**Computer:** You must have access to an adequate computer and Internet connectivity to participate fully in the class. A table describing supported browsers can be viewed on Blackboard's support site.

**Optional Materials**

Pearson, Book: ISBN 9780134802213

**Communication**
You are responsible for checking your ASU email account and Blackboard throughout the duration of this course.

**Grading**

**Activities Assessing Learning Outcomes**

**Assignments**
- *Participation and Challenge Activities (PA and CA)*
  Online zybook textbook material, participation activities, and challenge activities will be assigned via Blackboard. This material will help build the knowledge and skills needed to complete the programming assignments.
- *Programming assignments*
  Programming assignments will reinforce Java concepts and teach problem-solving skills and will be assigned via Blackboard. Programming assignments will become more complex as Java concepts are mastered.

**Exams**
There will be three exams in online format on Blackboard using Respondus Lockdown browser. All students must take all the exams on the scheduled dates. See table under *Course Outline* for dates and *Class Policies* for exam policies.

**Grades**
Your course grade will be based on the following:

<table>
<thead>
<tr>
<th>Activity</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>zyBook PA’s &amp; CA’s</td>
<td>15%</td>
</tr>
<tr>
<td>Programming Assignments</td>
<td>35%</td>
</tr>
<tr>
<td>Exam 1</td>
<td>15%</td>
</tr>
<tr>
<td>Exam 2</td>
<td>15%</td>
</tr>
<tr>
<td>Final Exam</td>
<td>20%</td>
</tr>
</tbody>
</table>
ASU employs a letter grade system. Grades in this course are determined on a percentage scale:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>90 – 100</td>
</tr>
<tr>
<td>B</td>
<td>80 – 89</td>
</tr>
<tr>
<td>C</td>
<td>70 – 79</td>
</tr>
<tr>
<td>D</td>
<td>60 - 69</td>
</tr>
<tr>
<td>F</td>
<td>0 - 59</td>
</tr>
</tbody>
</table>

Course Schedule

Weekly tentative schedule (subject to change)

<table>
<thead>
<tr>
<th>Week</th>
<th>Topics</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Introduction to Java</td>
</tr>
<tr>
<td>2</td>
<td>Introduction to Java</td>
</tr>
<tr>
<td>3</td>
<td>Variables / Assignments</td>
</tr>
<tr>
<td>4</td>
<td>Branches</td>
</tr>
<tr>
<td>5</td>
<td>Branches, <strong>Exam 1</strong></td>
</tr>
<tr>
<td>6</td>
<td>Loops</td>
</tr>
<tr>
<td>7</td>
<td>Arrays</td>
</tr>
<tr>
<td>8</td>
<td>Arrays</td>
</tr>
<tr>
<td>9</td>
<td>User-Defined Methods</td>
</tr>
<tr>
<td>10</td>
<td><strong>Exam 2</strong>, Objects and Classes</td>
</tr>
<tr>
<td>11</td>
<td>Objects and Classes</td>
</tr>
<tr>
<td>12</td>
<td>Objects and Classes</td>
</tr>
<tr>
<td>13</td>
<td>Memory Management</td>
</tr>
<tr>
<td>14</td>
<td>Input / Output</td>
</tr>
<tr>
<td>15</td>
<td>Recursion</td>
</tr>
<tr>
<td>16</td>
<td><strong>Final Exam</strong></td>
</tr>
</tbody>
</table>

General Policies

All students are required to follow the policies and procedures presented in these documents:

- [Angelo State University Student Handbook](#)
- [Angelo State University Catalog](#)

**Policy on absenteeism/non-communication**

- Attendance will be taken every day at the beginning of class.
- Assignments will be posted on Blackboard.
- Ample time is allowed for assignment completion. No late assignment will be accepted. No email submission is accepted. There are no exceptions to this rule.

**Academic Integrity**

Students are expected to maintain complete honesty and integrity in all work. Any student found guilty of any form of dishonesty in academic work is subject of disciplinary action and possible expulsion from ASU.
The College of Science and Engineering adheres to the university’s Statement of Academic Integrity.\(^5\)

**Accommodations for Students with Disabilities**

ASU is committed to the principle that no qualified individual with a disability shall, on the basis of disability, be excluded from participation in or be denied the benefits of the services, programs or activities of the university, or be subjected to discrimination by the university, as provided by the Americans with Disabilities Act of 1990 (ADA), the Americans with Disabilities Act Amendments of 2008 (ADAAA) and subsequent legislation.

Student Disability Services is located in the Office of Student Affairs, and is the designated campus department charged with the responsibility of reviewing and authorizing requests for reasonable accommodations based on a disability. It is the student’s responsibility to initiate such a request by contacting an employee of the Office of Student Affairs, in the Houston Harte University Center, Room 112, or contacting the department via email at ADA@angelo.edu. For more information about the application process and requirements, visit the Student Disability Services website.\(^6\) The employee charged with the responsibility of reviewing and authorizing accommodation requests is:

Dallas Swafford  
Director of Student Disability Services  
Office of Student Affairs  
325-942-2047  
dallas.swafford@angelo.edu  
Houston Harte University Center, Room 112

**Incomplete Grade Policy**

It is policy that incomplete grades be reserved for student illness or personal misfortune. Please contact faculty if you have serious illness or a personal misfortune that would keep you from completing course work. Documentation may be required. See ASU Operating Policy 10.11 Grading Procedures\(^7\) for more information.

**Plagiarism**

Plagiarism is a serious topic covered in ASU’s Academic Integrity policy\(^8\) in the Student Handbook. Plagiarism is the action or practice of taking someone else’s work, idea, etc., and passing it off as one’s own. Plagiarism is literary theft.

In your discussions and/or your papers, it is unacceptable to copy word-for-word without quotation marks and the source of the quotation. It is expected that you will summarize or paraphrase ideas giving appropriate credit to the source both in the body of your paper and the reference list.

Papers are subject to be evaluated for originality. Resources to help you understand this policy better are available at the ASU Writing Center.\(^9\)

**Student Absence for Observance of Religious Holy Days**

A student who intends to observe a religious holy day should make that intention known in writing to the instructor prior to the absence. See ASU Operating Policy 10.19 Student Absence for Observance of Religious Holy Day\(^10\) for more information.


**Title IX at Angelo State University**

Angelo State University is committed to providing and strengthening an educational, working, and living environment where students, faculty, staff, and visitors are free from sex discrimination of any kind. In accordance with Title VII, Title IX, the Violence Against Women Act (VAWA), the Campus Sexual Violence Elimination Act (SaVE), and other federal and state laws, the University prohibits discrimination based on sex, which includes pregnancy, and other types of Sexual Misconduct. Sexual Misconduct is a broad term encompassing all forms of gender-based harassment or discrimination and unwelcome behavior of a sexual nature. The term includes sexual harassment, nonconsensual sexual contact, nonconsensual sexual intercourse, sexual assault, sexual exploitation, stalking, public indecency, interpersonal violence (domestic violence or dating violence), sexual violence, and any other misconduct based on sex.

You are encouraged to report any incidents involving sexual misconduct to the Office of Title IX Compliance and the Director of Title IX Compliance/Title IX Coordinator, Michelle Boone, J.D. You may submit reports in the following manner:

Online: [www.angelo.edu/incident-form](http://www.angelo.edu/incident-form)
Face to face: Mayer Administration Building, Room 210
Phone: 325-942-2022
Email: michelle.boone@angelo.edu

*Note, as a faculty member at Angelo State, I am a mandatory reporter and must report incidents involving sexual misconduct to the Title IX Coordinator. Should you wish to speak to someone in confidence about an issue, you may contact the University Counseling Center (325-942-2371), the 24-Hour Crisis Helpline (325-486-6345), or the University Health Clinic (325-942-2171).*

For more information about resources related to sexual misconduct, Title IX, or Angelo State’s policy please visit: [www.angelo.edu/title-ix](http://www.angelo.edu/title-ix)

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2. [https://help.blackboard.com/Learn/Student/Getting_Started/Browser_Support](https://help.blackboard.com/Learn/Student/Getting_Started/Browser_Support)
3. [https://www.angelo.edu/student-handbook/](https://www.angelo.edu/student-handbook/)
4. [https://www.angelo.edu/catalogs/](https://www.angelo.edu/catalogs/)
6. [https://www.angelo.edu/services/disability-services/](https://www.angelo.edu/services/disability-services/)
7. [https://www.angelo.edu/content/files/14197-op-1011-grading-procedures](https://www.angelo.edu/content/files/14197-op-1011-grading-procedures)
9. [https://www.angelo.edu/dept/writing_center/academic_honesty.php](https://www.angelo.edu/dept/writing_center/academic_honesty.php)
10. [https://www.angelo.edu/content/files/14206-op-1019-student-absence-for-observance-of](https://www.angelo.edu/content/files/14206-op-1019-student-absence-for-observance-of)