Instructor: Mrs. Beth Niehues
E-mail Address: bniehues@angelo.edu
Office Phone: 325-486-5429
Office: MCS 205C
Office Hours: MW 11:00 a.m. – 2:00 p.m.; TR 1:30 p.m. – 3:00 p.m. (R is online only); F 11 a.m. – 12 p.m. and by appointment
Class Times: TR 11:00 a.m. – 12:15 a.m. (this class will meet Tuesday face-to-face and Thursday online)
Classroom: MCS 115

Course Description
This course teaches the fundamental principles of programming and object-oriented software design using Java to solve real-world problems.

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.

Course Delivery
This course will require some online learning with resources and supplemental materials posted in Blackboard. Exams and scheduled class meetings will be held in the MCS 115 classroom. If you are unable to take an exam in person, please inform me of the situation as soon as possible so an alternative testing solution can be prepared.

Required Materials
Textbook: Online zyBook: Java Programming (subscription is $77 and will last until Dec 24, 2021):
1. Click on your zyBooks link in your learning management system (Do not go to the zyBooks website and create a new account)
2. Subscribe

Software:
1. Eclipse IDE for Java Developers
   - Available on the machines in the MCS computer labs.
   - You can download[1] Eclipse free of cost. Details will follow in class.
2. Web browser for zyBooks
3. Respondus Lockdown Browser using Respondus Monitor (download is available through Blackboard)

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

Technology: You must have access to an adequate computer or laptop (Chromebook is insufficient) with a webcam and Internet connectivity to participate in the class. Remote access to exams will be through Respondus Lockdown Browser and will be video recorded via Respondus Monitor. For best results, use an Ethernet cable to connect to your Internet source instead of relying on Wi-Fi. ASU provides computer labs for your use. A table describing supported browsers can be viewed on Blackboard's support site[2].

Optional Materials
Textbook: Gaddis, T. (2019) *Starting Out With Java: From Control Structures through Objects (7th Edition)*
Pearson, Book: ISBN 9780134802213
Pearson, Unbound Loose-leaf: ISBN 9780134802817
OER Online PDF Textbook *(Free)*: Downey & Mayfield, Think Java 2e[3]

COVID Related Requirements (for on-campus meetings)
Please refer to ASU's COVID-19 (Coronavirus) Updates[4] web page for current information about campus guidelines and safety standards as they relate to the COVID-19 pandemic.

Communication
You are responsible for checking your ASU email account and Blackboard frequently throughout the duration of this course. Email communication will be done exclusively through your ASU email address. Please include your course name and section number in the subject line of your email. I will respond to email messages within 24 hours during working hours Monday through Friday. Weekend messages may not be returned until Monday.

Activities Assessing Learning Outcomes
Assignments
- *Participation and Challenge Activities*
Videos, Powerpoint slides, 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. Programming assignments must be submitted through your zyBook subscription
- Sufficient time is allowed for assignment completion. *No late assignment will be accepted. No e-mail submission is accepted*.

Exams
There will be three exams in online format. Exams may make use of Blackboard using Respondus Lockdown browser using Respondus Monitor for remote testing. All students must take all the exams on the scheduled dates. If you are unable to take an exam in person, please inform me of the situation as soon as possible so an alternative testing solution can be prepared. See table under *Course Outline* for dates and *Class Policies* for exam policies.

Grades
Your course grade will be based on the following:

Activity	Percentage
zyBook PA's & CA's	15%
Programming Assignments	35%
Exam 1	15%
Exam 2	15%
Final Exam	20%

ASU employs a letter grade system. Grades in this course are determined on a percentage scale:

Grade	Percentage
A	90 – 100
B	80 – 89
C	70 – 79
D	60 - 69
F	0 - 59

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[5] for more information.

Course Outline

Weekly tentative schedule (subject to change)

Week	Topics
1	Introduction to Java
2	Introduction to Java
3	Variables / Assignments
4	Branches
5	Branches, **Exam 1**
6	Loops
7	Loops, Arrays
8	Arrays, User-Defined Methods
9	User-Defined Methods
10	User-Defined Methods, **Exam 2**
11	Objects and Classes
12	Objects and Classes
13	Objects and Classes
14	Memory Management
16	**Final Exam on Tuesday, 12/7, from 10:30 a.m. – 12:30 p.m.**

Class Policies

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

Angelo State University Student Handbook[6]

Angelo State University Catalog[7]

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.[8]
- All assignments should be the product of the student alone. Cheating occurs when a student either submits work for a grade that is not entirely due to his/her own effort or allows others to use his/her work.

Exam Policies

- There are no makeup exams. Only exception will be student absence for observance of religious holy day (see Additional Policies below).
- If one exam is missed, the final exam will count double to make up for the missed exam. Only one missed exam can be made up this way. If more than one exam is missed, a grade of zero will be given for the additional missed exam.
- *The final exam must be taken on its assigned date.* For students taking all three exams, the final exam grade can replace a lower grade on one of the first two exams if the final exam grade is higher. Only one regular exam grade can be replaced in this way.

Additional Policies

Accommodations for Disability

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.[9] 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

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. 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 Miller, J.D. You may submit reports in the following manner:

      Online: Incident Reporting Form[11]
      Face to Face: Mayer Administration Building, Room 210
      Phone: 325-942-2022
      Email: michelle.miller@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 the Title IX website.[12]

Modifications to the Syllabus

The instructor and the university reserve the right to modify or change the syllabus (schedule, course requirements, grading policy, etc.) as the curriculum and/or program require(s).

[1] https://www.eclipse.org/

[2] https://help.blackboard.com/Learn/Student/Getting_Started/Browser_Support

[3] https://greenteapress.com/wp/think-java-2e/

[4] https://www.angelo.edu/covid-19/

[5] https://www.angelo.edu/content/files/14197-op-1011-grading-procedures

[6] https://www.angelo.edu/student-handbook/

[7] https://www.angelo.edu/catalogs/

[8] https://www.angelo.edu/live/files/27603-student-handbook-2020-21#page=96

[9] https://www.angelo.edu/current-students/disability-services/

[10] https://www.angelo.edu/live/files/14206-op-1019-student-absence-for-observance-of

[11] https://www.angelo.edu/incident-form

[12] https://www.angelo.edu/title-ix