Texas A&M University-Texarkana

Course Syllabus
CS 352 Java Programming I
Spring 2026

Instructor: Dr. Bo Guo
Office Location: SCIT 310
Office Hours: Monday 2:00PM – 4:30PM or by appointment

Phone: 903-223-3166
Email: BGuo@tamut.edu

Course Description: This course teaches the basics of Java programming, the foundations of object-oriented programming, and the process of building a project in a modular fashion. Java programming provides an overview of programming concepts, design, and an introduction to coding using the Java language. This course has a focus on creating working computer programs in Java. It will address fundamental concepts of analysis, design, and testing and code development. These include flowcharts, Boolean logic, control flow, data types and structures, variables, arrays, functions, and exception handling. This course will prepare students for focused studies in any programming language. The student will also learn how to enter, compile, link, and run a computer program using the Java language in a Windows or equivalent environment. Instructors will introduce structured programming through techniques for solving business, engineering and scientific problems. Laboratory exercises will provide practice in writing programs and will reinforce basic programming concepts, logic flow, and structured design.

Course Delivery Method: FACE

Required Textbooks/Resources: Java: how to program? Early Objects Java, 11th edition, by Deitel and Deitel, Pearson (ISBN 9780134743356).

Student Learning Outcomes: Upon completing this course, you should be able to:

SLO#1 Understanding Java Programming Language and its syntax.
1) Explain the various terms associated with Object Oriented Programming.
2) Understand and explain basic foundational concepts of Java programming.
3) Have a good understanding of input and output, basic operators, and methods.

SLO#2 Designing Java Programs
1) Use the Eclipse IDE for compiling and running java code.
2) Apply software engineering concepts to specify requirements.
3) Identify and design classes, attributes, and behaviors for building java applications.

SLO#3 Developing Java Applications
1) Develop code in proper Java syntax using data structures.
2) Competence in using prebuilt and user defined methods.

3) Competence in building, testing, and executing java applications.

Course Outline: Each of the following topics will be covered in this course:

- Introduction to Computers and Programming
- Algorithms and Designs
- Java Basics
- Control Statements
- Using Prebuilt Methods
- Object Oriented Programming – Classes and Objects
- Software Engineering
- Arrays and ArrayLists
- Exception handling

Methods of Evaluation: Mastery of concepts will be evaluated through, but not limited to, quizzes, exams, coding projects, discussion, and participation in class.

Component	% of Grade
Final Exam	30%
Midterm Exam	30%
Homework Assignments	15%
Quizzes	15%
Attendance	10%

Grading Scale:

>= 90%	A
>= 80%	B
>= 70%	C
>= 60%	D
< 60%	F

Course Policies

1. Each week, you are expected to read the assigned material thoroughly. It is advised that you jot down important concepts and make notes as you read the content. These notes will become handy

while reviewing the material for exams or when you are completing the homework for the class. The material assigned week wise is given in 'Tentative Schedule' section.

2. The chapter quizzes and homework are not proctored. Please note: If your code includes concepts or techniques not covered in class, you must clearly explain their purpose and reasoning in the code comments. **Be prepared to demonstrate your understanding by rewriting the code in my office if requested. Failure to do so may result in a score of zero, as it could indicate unauthorized use of external resource.**

3. You can attempt the quiz only once. It must be completed in one single session. Make sure you are on a stable computer at home/workplace that has a steady Internet connection and the one that does not hang on you when you take the quiz. In the whole semester, I will only reset up to two quizzes for you, in case you are logged off inadvertently before you could finish the quiz. If you are not able to fix the problem even after being reset twice, then you will be stood to lose points for non-completion of the quizzes. Though, you will receive credit for the completed portion of the quizzes.

4. Homework assignments will typically need to be completed over the weekend with the due date being the Sunday of the week (by midnight).

5. Quiz and homework assignments become unavailable two days after due day. Late homework will get a 20% deduction per day, for each day pass the due date. For example, if the due day is March 22, a submission on March 23 12:01AM will get a 20% deduction. March 24 will get a 40% deduction. No submission will be accepted after March 25 12:01AM.

6. Students who miss class without an accommodation letter are required to visit my office to explain their assignments. Failure to provide an explanation will result in a grade of zero for that assignment.

7. All exams are **close-book and close-note** exams that must be taken in a proctored environment. To ensure a fair testing environment for all students, exams must be taken in the classroom during class time unless an official accommodation letter is provided.

   Sharing the exam **passcode** with others will result in a zero for all involved.
   Similarly, seeking or providing help on exam questions during or after the exam will lead to the same.

   Apart from the TAMU-T campus, exams may be taken at an approved exam center through prior permission and appointment (under exceptional circumstances only). In case you wish to take exam at your nearby approved location, you must contact the local online education center-in-charge at least a week in advance and request them to email me. I will then send them the necessary instructions.

8. For online submissions, we will follow the time stamp as reported by Canvas.

9. Exams are NOT comprehensive. The week-wise content can be found in the schedule that will be posted on Canvas. The material will begin to appear week-wise as we progress in the semester.

10. You will not be allowed to use your cell phone while taking the exams. Accessing google or any other website during the exam will constitute offence of using unfair means (cheating) and grades can get affected as per the university policies.

11. Please check the schedule (week-wise) of the course regarding the exam dates and make arrangements as needed in advance accordingly.

12. Grades displayed as %age points on Canvas are computed by in-built system that comes with Canvas. Please do not be misled by them. You can compute your grade using the grading structure given in the syllabus.

Class Participation:

Attendance sheets will be issued **at any time after the class begins**. Failure to sign the sheet will be recorded as an **absence**. Similarly, leaving before 12:15 PM without prior notification will also be marked as absent. **Exceptions apply to students with official accommodation letters.**

Helping another student sign in will result in an automatic grade of F for the course.

Students are responsible for beginning their participation on the FIRST CLASS DAY by logging on and completing assignments according to the COURSE CALENDAR. Failure to submit online assignments between the first day of classes and the University census date (according to the University schedule) will result in an ADMINISTRATIVE DROP from the course.

Communication Policy

Email will be best way to reach me. You can expect a reply from me in one weekday. Generally, I reply in less than 24 hours. You are welcome to visit me during my office hours anytime during the semester.

University Policies

For University policies on Academic Integrity**,** A&M-Texarkana Email Address, and the Drop Policy, please refer to the Syllabus Policies**.**

Information Technology (IT) Support

For questions on password reset, login issues, and application installation, please refer to IT Helpdesk or Submit a TeamDynamix ticket.

Learning Management System (Canvas) Support

This course utilizes Canvas, the university's Learning Management System (LMS), for all course materials, announcements, assignments, and communication. You can access Canvas through the university's website or by navigating to [link to university's Canvas portal] using your student credentials. For questions on *all web-enhanced and online courses*, please refer to Technology Innovation and Digital Education (TIDE).

Disability Accommodations

The Americans with Disabilities Act (ADA) is a federal non-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this law requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring accommodations, please contact the Office of Student Life in UC room 125, or call (903) 223-1351. For additional information visit Disability Services.

Student Conduct and Complaints

The university is committed to maintaining a respectful and safe environment. The Student Code of Conduct outlines behavioral expectations and disciplinary procedures. If you encounter a concern or issue, you may submit a formal report through the Student Complaint Process. To report an issue related to academic misconduct, you can do so at the Academic Misconduct page.

Student Resources and Programs

The university enhances student education beyond academics through diverse programs. Students can join clubs (like SGA, Honors, Greek Life), participate in service, experience study abroad, and learn about career services, internships and job opportunities. Visit Student Resources and Programs to learn about clubs, organizations and student resources.