Course number, Course CRN, COURSE TITLE
CIS 3342-110, 11390, Advanced Java Programming
Spring 2022
Texas A&M University-Central Texas

COURSE DATES, MODALITY, AND LOCATION
Course dates: Jan 18, 2022 - May 13, 2022
This is a 100% online course and uses the A&M-Central Texas Canvas Learning Management System [https://tamuct.instructure.com/].

INSTRUCTOR AND CONTACT INFORMATION
Instructor: Shuyang Gu
Office: FH 323N
Phone:
Email: I prefer to using Canvas Inbox

Office Hours
I will be available primarily through email. If you need a conference, please feel free to request through email. Due to the ongoing issues with COVID 19 and concern for your safety any meeting will be through electronic media or telephone.

Student-instructor interaction
Barring any unforeseen circumstance, I will respond within 1 day.

Emergency Warning System for Texas A&M University-Central Texas SAFEZONE. SafeZone provides a public safety application that gives you the ability to call for help with the push of a button. It also provides Texas A&M University-Central Texas the ability to communicate emergency information quickly via push notifications, email, and text messages. All students automatically receive email and text messages via their myCT accounts. Downloading SafeZone allows access to push notifications and enables you to connect directly for help through the app.

You can download SafeZone from the app store and use your myCT credentials to log in. If you would like more information, you can visit the SafeZone website [www.safezoneapp.com].

To register SafeZone on your phone, please follow these 3 easy steps:
1. Download the SafeZone App from your phone store using the link below:
   - iPhone/iPad: [https://apps.apple.com/app/safezone/id533054756]
2. Launch the app and enter your myCT email address (e.g. {name}@tamuct.edu)
3. Complete your profile and accept the terms of service

COURSE INFORMATION

Course Overview and description

Study Java programming language. Examine advanced Java capabilities, including class features, error handling, security techniques, Java streams, JavaBeans, database connectivity, Java servlets, Java Server pages, and advanced object-oriented programming techniques. Analyze advanced Java problems and develop programming solutions. Prerequisite(s): CIS 3332 or permission of department chair.

Student Learning Outcomes

A student successfully completing this course will be able to:

To create and debug Java programs, to understand the Java programming syntax, to understand and use the NetBeans IDE, to help with the creation and debug of Java programs.

Required Reading and Textbook(s)

Java How to Program, Late Objects, 11th Edition
Author: DEITEL
Edition: 11th
Publisher: Pearson
ISBN: 9780134791401

Note: An electronic version of the book may be available.

Note: A student of this institution is not under any obligation to purchase a textbook from a university-affiliated bookstore. The same textbook may also be available from an independent retailer, including an online retailer.

COURSE REQUIREMENTS

Examinations: There will be two major exams, one midterm and one final exam. The exams will be timed. Each is worth 15 points.

Quizzes: There will be 5 take-home quizzes. Each quiz will be worth 2 points. Quizzes are typically available on Canvas for 1 week. Each quiz is timed.

Assignments: There will be 5 take-home assignments. Each assignment will be worth 8 points.
Assignments will typically be available on Canvas for 2 weeks. Multiple submissions are typically allowed. If an assignment has multiple files, you will be required to “zip” the files prior to submission via Canvas.

**Term Project:** There will be 1 term project that is worth 20 points. This assignment will typically be available on Canvas for 4 weeks.

### Grading Criteria Rubric and Conversion

<table>
<thead>
<tr>
<th>Item</th>
<th>Quantity</th>
<th>Points</th>
<th>Total</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exams</td>
<td>2</td>
<td>15.00</td>
<td>30.00</td>
<td>30%</td>
</tr>
<tr>
<td>Quizzes</td>
<td>5</td>
<td>2.00</td>
<td>10.00</td>
<td>10%</td>
</tr>
<tr>
<td>Assignments</td>
<td>5</td>
<td>8.00</td>
<td>40.00</td>
<td>40%</td>
</tr>
<tr>
<td>Term Project</td>
<td>1</td>
<td>20.00</td>
<td>20.00</td>
<td>20%</td>
</tr>
</tbody>
</table>

### Exams & Quizzes: Exams and assignments will receive a numeric score (0-100) each. Scores will be converted to points and totaled as shown in the example below:

<table>
<thead>
<tr>
<th>Assignment</th>
<th>Score</th>
<th>Percent</th>
<th>Max Points</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exam 1</td>
<td>95</td>
<td>95%</td>
<td>15.00</td>
<td>14.25</td>
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<tr>
<td>Exam 2</td>
<td>80</td>
<td>80%</td>
<td>15.00</td>
<td>12</td>
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</tbody>
</table>

### Points Range | Letter Grade
--- | ---
90-100 | A
80-89  | B
70-79  | C
60-69  | D
0-59   | F

### Posting of Grades

Graded will be posted as soon as possible after the assignment due date. This should not exceed 2 weeks.

### Grading Policies

- All the assignments must be submitted before the posted deadline in Canvas Course Website unless arrangements are made beforehand.
- Assignments are due by midnight on the date assigned in Canvas.
- Late assignments will lose 20% of the available points before being graded.
- Submission is not acceptable after 10 days past the due date
- Once an assignment has been graded, it will not be graded again.
## Complete Course Calendar

<table>
<thead>
<tr>
<th>Week</th>
<th>Start</th>
<th>Class Activity</th>
<th>What's Due</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>01/18/2022</td>
<td>Intro &amp; Chapter 1-3</td>
<td></td>
<td></td>
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<tr>
<td>2</td>
<td>01/24/2022</td>
<td>Chapter 4-7</td>
<td>Quiz 1</td>
<td></td>
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<tr>
<td>3</td>
<td>01/31/2022</td>
<td>Chapter 8</td>
<td>Assignment 1</td>
<td></td>
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<tr>
<td>4</td>
<td>02/07/2022</td>
<td>Chapter 9</td>
<td>Quiz 2</td>
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<tr>
<td>5</td>
<td>02/14/2022</td>
<td>Chapter 10</td>
<td>Assignment 2</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>02/21/2022</td>
<td>Chapter 11</td>
<td>Quiz 3</td>
<td></td>
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<tr>
<td>7</td>
<td>02/28/2022</td>
<td>Chapter 12</td>
<td>Assignment 3</td>
<td></td>
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<tr>
<td>8</td>
<td>03/07/2022</td>
<td>Midterm</td>
<td>Midterm exam</td>
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<td></td>
<td>03/14/2022</td>
<td>Spring break</td>
<td></td>
<td></td>
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<tr>
<td>9</td>
<td>03/21/2022</td>
<td>Chapter 14</td>
<td></td>
<td></td>
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<tr>
<td>10</td>
<td>03/28/2022</td>
<td>Chapter 15</td>
<td>Quiz 4</td>
<td></td>
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<tr>
<td>11</td>
<td>04/04/2022</td>
<td>Chapter 16</td>
<td>Assignment 4</td>
<td></td>
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<tr>
<td>12</td>
<td>04/11/2022</td>
<td>Chapter 17</td>
<td>Quiz 5</td>
<td></td>
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<tr>
<td>13</td>
<td>04/18/2022</td>
<td>Chapter 18</td>
<td>Assignment 5</td>
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<tr>
<td>14</td>
<td>04/25/2022</td>
<td>Chapter 19</td>
<td></td>
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<tr>
<td>15</td>
<td>05/02/2022</td>
<td>Chapter 20</td>
<td>Term Project</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>05/09/2022</td>
<td>final</td>
<td>final</td>
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</tr>
<tr>
<td>Date</td>
<td>Event</td>
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<tr>
<td>February 25, 2022</td>
<td>Deadline to Drop First 8-Week Classes with a Quit (Q) or Withdraw (W)</td>
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<tr>
<td>March 11, 2022</td>
<td>Classes end for 1st 8-Weeks Session</td>
<td></td>
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<tr>
<td>March 15, 2022</td>
<td>Deadline for Clinical Teaching/Practicum Applications</td>
<td></td>
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<tr>
<td>March 15, 2022</td>
<td>Deadline for Faculty Submission of First 8-Week Final Class Grades (due by 3pm)</td>
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<tr>
<td>March 14-18, 2022</td>
<td>Spring Break (No Classes - Administrative Offices Open)</td>
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<tr>
<td>March 21, 2022</td>
<td>Class Schedule Published for Summer Semester</td>
<td></td>
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<tr>
<td>March 21, 2022</td>
<td>Add, Drop, and Late Registration Begins for Second 8-Week Classes $25 Fee assessed for late registrants</td>
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<tr>
<td>March 21, 2022</td>
<td>Classes Begin for Second 8-Week Session</td>
<td></td>
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<tr>
<td>March 23, 2022</td>
<td>Deadline for Add, Drop, and Late Registration for Second 8-Week Classes</td>
<td></td>
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<tr>
<td>March 25, 2022</td>
<td>Deadline for Spring Graduation Application for Ceremony Participation</td>
<td></td>
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<tr>
<td>March 28, 2022</td>
<td>Deadline to Drop Second 8-Week Classes with No Record</td>
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<tr>
<td>April 1, 2022</td>
<td>Deadline for GRE/GMAT Scores to Graduate School Office</td>
<td></td>
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<tr>
<td>April 1, 2022</td>
<td>Deadline for School Counselor Program Applications</td>
<td></td>
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<tr>
<td>April 4, 2022</td>
<td>Registration Opens for Summer Semester</td>
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<tr>
<td>April 8, 2022</td>
<td>Deadline to Drop 16-Week Classes with a Quit (Q) or Withdraw (W)</td>
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<tr>
<td>April 16, 2022</td>
<td>Deadline for Final Committee-Edited Theses with Committee Approval Signatures for Spring Semester to Graduate School Office</td>
<td></td>
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<tr>
<td>April 29, 2022</td>
<td>Deadline to drop Second 8-week Classes with a Quit (Q) or Withdraw (W).</td>
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<tr>
<td>May 13, 2022</td>
<td>Deadline to Withdraw from the University for 16- and Second 8-Week Classes</td>
<td></td>
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<tr>
<td>May 13, 2022</td>
<td>Spring Semester Ends</td>
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</table>
TECHNOLOGY REQUIREMENTS AND SUPPORT

Technology Requirements

This course will use the A&M-Central Texas Instructure Canvas learning management system. We strongly recommend the latest versions of Chrome or Firefox browsers. Canvas no longer supports any version of Internet Explorer.

Logon to A&M-Central Texas Canvas [https://tamuct.instructure.com/] or access Canvas through the TAMUCT Online link in myCT [https://tamuct.onecampus.com/]. You will log in through our Microsoft portal.

Username: Your MyCT email address. Password: Your MyCT password

Canvas Support

Use the Canvas Help link, located at the bottom of the left-hand menu, for issues with Canvas. You can select “Chat with Canvas Support,” submit a support request through “Report a Problem,” or call the Canvas support line: 1-844-757-0953.

For issues related to course content and requirements, contact your instructor.

Online Proctored Testing

A&M-Central Texas uses Proctorio for online identity verification and proctored testing. This service is provided at no direct cost to students. If the course requires identity verification or proctored testing, the technology requirements are: Any computer meeting the minimum computing requirements, plus web camera, speaker, and microphone (or headset). Proctorio also requires the Chrome web browser with their custom plug in.

Other Technology Support

For log-in problems, students should contact Help Desk Central, 24 hours a day, 7 days a week

Email: helpdesk@tamu.edu
Phone: (254) 519-5466
Web Chat: [http://hdc.tamu.edu]
Please let the support technician know you are an A&M-Central Texas student.

UNIVERSITY RESOURCES, PROCEDURES, AND GUIDELINES

Drop Policy

If you discover that you need to drop this class, you must complete the Drop Request Dynamic Form through Warrior Web.

[https://dynamicforms.ngwebsolutions.com/casAuthentication.ashx?InstID=eaed95b9-f2be-45f3-a37d-46928168bc10&targetUrl=https%3A%2F%2Fdynamicforms.ngwebsolutions.com%2FSubmit%2FForm%2Fstart%2F53b8369e-0502-4f36-be43-f02a4202f612].

Faculty cannot drop students; this is always the responsibility of the student. The Registrar’s
Office will provide a deadline on the Academic Calendar for which the form must be completed. Once you submit the completed form to the Registrar’s Office, you must go into Warrior Web and confirm that you are no longer enrolled. If you still show as enrolled, FOLLOW-UP with the Registrar’s Office immediately. You are to attend class until the procedure is complete to avoid penalty for absence. Should you miss the drop deadline or fail to follow the procedure, you will receive an F in the course, which may affect your financial aid and/or VA educational benefits.

**Academic Integrity**

Texas A&M University-Central Texas values the integrity of the academic enterprise and strives for the highest standards of academic conduct. A&M-Central Texas expects its students, faculty, and staff to support the adherence to high standards of personal and scholarly conduct to preserve the honor and integrity of the creative community. Any deviation by students from this expectation may result in a failing grade for the assignment and potentially a failing grade for the course. All academic misconduct concerns will be referred to the Office of Student Conduct. When in doubt on collaboration, citation, or any issue, please contact your instructor before taking a course of action.

For more information regarding the Student Conduct process, [https://www.tamuct.edu/student-affairs/student-conduct.html](https://www.tamuct.edu/student-affairs/student-conduct.html).

If you know of potential honor violations by other students, you may submit a report, [https://cm.maxient.com/reportingform.php?TAMUCentralTexas&layout_id=0](https://cm.maxient.com/reportingform.php?TAMUCentralTexas&layout_id=0).

**Academic Accommodations**

At Texas A&M University-Central Texas, we value an inclusive learning environment where every student has an equal chance to succeed and has the right to a barrier-free education. The Warrior Center for Student Success, Equity and Inclusion is responsible for ensuring that students with a disability receive equal access to the university’s programs, services and activities. If you believe you have a disability requiring reasonable accommodations, please contact the Office of Access and Inclusion, WH-212; or call (254) 501-5836. Any information you provide is private and confidential and will be treated as such.

For more information, please visit our Access & Inclusion Canvas page (log-in required) [https://tamuct.instructure.com/courses/717](https://tamuct.instructure.com/courses/717)

**Important information for Pregnant and/or Parenting Students**

Texas A&M University-Central Texas supports students who are pregnant and/or parenting. In accordance with requirements of Title IX and related guidance from US Department of Education’s Office of Civil Rights, the Dean of Student Affairs’ Office can assist students who are pregnant and/or parenting in seeking accommodations related to pregnancy and/or parenting. Students should seek out assistance as early in the pregnancy as possible. For more information, please visit Student Affairs [https://www.tamuct.edu/student-affairs/pregnant-and-parenting-students.html](https://www.tamuct.edu/student-affairs/pregnant-and-parenting-students.html). Students may also contact the institution’s Title IX Coordinator. If you would like to read more about these requirements and guidelines online, please visit the website [http://www2.ed.gov/about/offices/list/ocr/docs/pregnancy.pdf](http://www2.ed.gov/about/offices/list/ocr/docs/pregnancy.pdf).
Title IX of the Education Amendments Act of 1972 prohibits discrimination on the basis of sex and gender—including pregnancy, parenting, and all related conditions. A&M-Central Texas is able to provide flexible and individualized reasonable accommodation to pregnant and parenting students. All pregnant and parenting students should contact the Associate Dean in the Division of Student Affairs at (254) 501-5909 to seek out assistance. Students may also contact the University’s Title IX Coordinator.

**Tutoring**

Tutoring is available to all A&M-Central Texas students, both virtually and in-person. Student success coaching is available online upon request.

If you have a question, are interested in becoming a tutor, or in need of success coaching contact the Warrior Center for Student Success, Equity and Inclusion at (254) 501-5836, visit the Warrior Center at 212 Warrior Hall, or by emailing WarriorCenter@tamuct.edu.

To schedule tutoring sessions and view tutor availability, please visit Tutor Matching Services [https://tutormatchingservice.com/TAMUCT] or visit the Tutoring Center in 111 Warrior Hall.

Chat live with a remote tutor 24/7 for almost any subject from on your computer! Tutor.com is an online tutoring platform that enables A&M-Central Texas students to log in and receive online tutoring support at no additional cost. This tool provides tutoring in over 40 subject areas except writing support. Access Tutor.com through Canvas.

**University Writing Center**

University Writing Center: Located in Warrior Hall 416, the University Writing Center (UWC) at Texas A&M University–Central Texas (A&M–Central Texas) is a free service open to all A&M–Central Texas students. For the Spring 2022 semester, the hours of operation are from 10:00 a.m.-5:00 p.m. Monday thru Thursday in Warrior Hall 416 (with online tutoring available every hour as well) with satellite hours available online only Monday thru Thursday from 6:00-9:00 p.m. and Saturday 12:00-3:00 p.m.

Tutors are prepared to help writers of all levels and abilities at any stage of the writing process. While tutors will not write, edit, or grade papers, they will assist students in developing more effective composing practices. By providing a practice audience for students’ ideas and writing, our tutors highlight the ways in which they read and interpret students’ texts, offering guidance and support throughout the various stages of the writing process. In addition, students may work independently in the UWC by checking out a laptop that runs the Microsoft Office suite and connects to WIFI, or by consulting our resources on writing, including all of the relevant style guides. Whether you need help brainstorming ideas, organizing an essay, proofreading, understanding proper citation practices, or just want a quiet place to work, the UWC is here to help!

Students may arrange a one-to-one session with a trained and experienced writing tutor by making an appointment via WCONline [https://tamuct.mywconline.com/]. In addition, you can
email Dr. Bruce Bowles Jr. at bruce.bowles@tamuct.edu if you have any questions about the UWC, need any assistance with scheduling, or would like to schedule a recurring appointment with your favorite tutor by making an appointment via WConline [https://tamuct.mywconline.com/]. In addition, you can email Dr. Bruce Bowles Jr. at bruce.bowles@tamuct.edu if you have any questions about the UWC, need any assistance with scheduling, or would like to schedule a recurring appointment with your favorite tutor.

University Library

The University Library provides many services in support of research across campus and at a distance. We offer over 200 electronic databases containing approximately 400,000 eBooks and 82,000 journals, in addition to the 96,000 items in our print collection, which can be mailed to students who live more than 50 miles from campus. Research guides for each subject taught at TAMUC-Texas are available through our website to help students navigate these resources. On campus, the library offers technology including cameras, laptops, microphones, webcams, and digital sound recorders.

Research assistance from a librarian is also available 24 hours a day through our online chat service, and at the reference desk when the library is open. Research sessions can be scheduled for more comprehensive assistance, and may take place virtually through WebEx, Microsoft Teams or in-person at the library. Schedule an appointment here [https://tamuct.libcal.com/appointments/?g=6956]. Assistance may cover many topics, including how to find articles in peer-reviewed journals, how to cite resources, and how to piece together research for written assignments.

Our 27,000-square-foot facility on the A&M-Central Texas main campus includes student lounges, private study rooms, group work spaces, computer labs, family areas suitable for all ages, and many other features. Services such as interlibrary loan, TexShare, binding, and laminating are available. The library frequently offers workshops, tours, readings, and other events. For more information, please visit our Library website [http://tamuct.libguides.com/index].

OPTIONAL POLICY STATEMENTS

A Note about Sexual Violence at A&M-Central Texas

Sexual violence is a serious safety, social justice, and public health issue. The university offers support for anyone struggling with these issues. University faculty are mandated reporters, so if someone discloses that they were sexually assaulted (or a victim of Domestic/Dating Violence or Stalking) while a student at TAMUCT, faculty members are required to inform the Title IX Office. If you want to discuss any of these issues confidentially, you can do so through Student Wellness and Counseling (254-501-5955) located on the second floor of Warrior Hall (207L).

Sexual violence can occur on our campus because predators often feel emboldened, and victims often feel silenced or shamed. It is incumbent on ALL of us to find ways to actively create environments that tell predators we don’t agree with their behaviors and tell survivors we will support them. Your actions matter. Don’t be a bystander; be an agent of change. For
additional information on campus policy and resources visit the Title IX webpage [https://www.tamuct.edu/compliance/titleix.html].

Behavioral Intervention

Texas A&M University-Central Texas cares about the safety, health, and well-being of its students, faculty, staff, and community. If you are aware of individuals for whom you have a concern, please make a referral to the Behavioral Intervention Team. Referring your concern shows you care. You can complete the referral online [https://cm.maxient.com/reportingform.php?TAMUCentralTexas&layout_id=2].

Anonymous referrals are accepted. Please see the Behavioral Intervention Team website for more information [https://www.tamuct.edu/bit]. If a person’s behavior poses an imminent threat to you or another, contact 911 or A&M-Central Texas University Police at 254-501-5805.

OTHER POLICIES

Copyright Notice

Students should assume that all course material is copyrighted by the respective author(s). Reproduction of course material is prohibited without consent by the author and/or course instructor. Violation of copyright is against the law and Texas A&M University-Central Texas’ Code of Academic Honesty. All alleged violations will be reported to the Office of Student Conduct.