

# CIST 2371 – Java Programming I

## **\*\*Disclaimer Statements\*\***

**\*\*\*Instructor reserves the right to change the syllabus and/or lesson plan as necessary.\*\*\***

**\*\*\*The official copy of the syllabus is located inside the student's online course shell or will be given to them during face to face class time the first day of the semester. The syllabus displayed in advance of the semester in a location other than the course you are enrolled in is for planning purposes only.\*\*\***



# CIST 2371 Java Programming I

COURSE SYLLABUS

**HYBRID**

**SPRING Semester 2017**

**TENTATIVE – SUBJECT TO CHANGE**

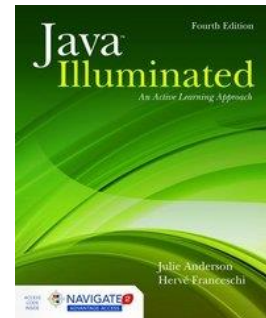
**Semester:** Semester 2017 FY 201714  
**Course Title:** Java Programming I  
**Course Number:** CIST 2351  
**Credit Hours/ Minutes:** 4 / 5250  
**Class Location:** Rm 812 Med Tech Bldg Vidalia Campus  
**Class Meets:** Tue & Thu 8:15 am – 10:00 am (60%)  
and Online (40%)  
**CRN:** 40051

**Instructor:** Mr. John Taylor  
**Office Phone:** 912-538-3116  
**Fax:** 912-538-3106  
**Office Hours:** 1:30 - 4:30 Mon – Thu  
**Office Location:** 810  
**Email:** [jtaylor@southeasterntech.edu](mailto:jtaylor@southeasterntech.edu)  
**Preferred method of contact:** STC OWL Mail  
**Tutoring Hours:** Made by Appointment

**REQUIRED TEXTS:** Julie Anderson, Herve Franceschi, Java Illuminated, 4<sup>th</sup> Edition, Jones & Bartlett Learning, (ISBN: 978-1-284-04531-4)

**REQUIRED SUPPLIES:** Computer with Internet Access, FTP software and Browser software.

**COURSE DESCRIPTION:** This course is designed to teach the basic concepts and methods of object-oriented design and Java programming. Use practical problems to illustrate Java application building techniques and concepts. Develop an understanding of Java vocabulary. Create an understanding of where Java fits in the application development landscape. Create an understanding of the Java Development Kit and how to develop, debug, and run Java applications using the JDK. Continue to develop student's programming logic skills. Topics include: JAVA Language History, JAVA Variable Definitions, JAVA Control Structures, JAVA Methods, JAVA Classes, JAVA Objects, and JAVA Graphics.



**MAJOR COURSE COMPETENCIES/OUTLINE:** Basic Java Concepts, Variables Data Types Expressions, Decisions and Loops, Java OO Concepts and Use, Java API, and Java GUIs.

**PREREQUISITES:** CIST 1305

**GENERAL EDUCATION CORE COMPETENCIES:** STC has identified the following general education core competencies that graduates will attain:

- The ability to utilize standard written English.
- The ability to solve practical mathematical problems.
- The ability to read, analyze, and interpret information.

**HYBRID PROCEDURE:** Hybrid classes require students to complete a portion of the required contact hours traditionally by attending classes on campus while completing the remaining portion online at the student's convenience with respect to the instructor's requirements.

**STUDENT REQUIREMENTS (Hybrid):** Students are expected to complete all work shown on the attached assignment sheet. Students are also expected to complete all tests and comprehensive problems on the dates specified on the attached calendar. **Assignments will be saved via the Blackboard system.** Assignments are given with numerous days to complete; therefore **no assignment will be accepted late. After the due date a grade of zero will be given.** Exceptions to the due dates of assignments due to jury duty, military duty, court duty, or required job training will be made at the discretion of the instructor. Students are responsible for policies and procedures included in the *STC Catalog*. **CIST program students must earn a minimum grade of C in this course. Unannounced quizzes/assignments may be given. Students who miss an unannounced quiz or assignment will receive a grade of 0.**

**ATTENDANCE GUIDELINES:** Class attendance is a very important aspect of a student's success. Being absent from class prevents students from receiving the full benefit of a course and also interrupts the learning process. Southeastern Technical College considers both tardiness and leaving early as types of absenteeism. Responsibility for class attendance rests with the student. Regular and punctual attendance at all scheduled classes is required for student success. Students will be expected to complete all work required by the instructor as described in the individual course syllabus.

Instructors have the right to give unannounced quizzes/assignments. Students who miss an unannounced quiz or assignment will receive a grade of 0. Students who stop attending class, but do not formally withdraw, may receive a grade of F and face financial aid repercussions in upcoming semesters.

Instructors are responsible for determining whether missed work may be made up and the content and dates for makeup work is at the discretion of the instructor.

Students will not be withdrawn by an instructor for attendance; however, all instructors will keep records of graded assignments and student participation in course activities. The completion dates of these activities will be used to determine a student's last date of attendance in the event a student withdraws, stops attending, or receives an F in a course.

**EMAILS:** **Prefer method of communication should be thru OWL MAIL.** Make sure that you always type your name and class in the subject line of every email you send me so I know which class you are in. **For example:** **CIST2371 Taylor**

**CHECKING GRADES:** A grade book is made available in the BLACKBOARD course on the main page when students log in. This grade book is for students to review and is continuously updated throughout the semester. Students can RUN a REPORT of their grades at any time to see the individual grades for each assignment. The overall percentage averages should display in the grade book to help track course progress.

**CELL PHONE USING IN CLASS:** Cell phone usage is not allowed in the classroom. Any student caught using a phone or answering a call during class will have a 5 point deduction on the next Exam/Test.

**SPECIAL NEEDS:** Students with disabilities who believe that they may need accommodations in this class based on the impact of a disability are encouraged to contact Helen Thomas, 912-538-3126, [hthomas@southeasterntech.edu](mailto:hthomas@southeasterntech.edu), to coordinate reasonable accommodations.

**SPECIFIC ABSENCES:** Provisions for Instructional Time missed because of documented absences due to jury duty, military duty, court duty, or required job training will be made at the discretion of the instructor.

**PREGNANCY:** Southeastern Technical College does not discriminate on the basis of pregnancy. However, we can offer accommodations to students who are pregnant that need special consideration to successfully complete the course. If you think you will need accommodations due to pregnancy, please advise me and make appropriate arrangements with Helen Thomas, 912-538-3126, [hthomas@southeasterntech.edu](mailto:hthomas@southeasterntech.edu).

**WITHDRAWAL PROCEDURE:** Students wishing to officially withdraw from a course(s) or all courses after the drop/add period and prior to the 65% portion of the semester (date will be posted on the school calendar) must speak with a Career Counselor in Student Affairs and complete a Student Withdrawal Form. A grade of "W" is assigned when the student completes the withdrawal form from the course.

Students who are dropped from courses due to attendance (see your course syllabus for attendance policy) after drop/add until the 65% point of the semester will receive a "W" for the course. Abandoning a course(s) instead of following official withdrawal procedures may result in a grade of 'F' being assigned.

After the 65% portion of the semester, the student will receive a grade for the course. (Please note: A zero will be given for all missed assignments.)

There is no refund for partial reduction of hours. Withdrawals may affect students' eligibility for financial aid for the current semester and in the future, so a student must also speak with a representative of the Financial Aid Office to determine any financial penalties that may be assessed due to the withdrawal. All grades, including grades of 'W', will count in attempted hour calculations for the purpose of Financial Aid.

**REMEMBER** - Informing your instructor that you will not return to his/her course does not satisfy the approved withdrawal procedure outlined above.

**MAKEUP GUIDELINES:** Students are required to take all tests scheduled during the semester. Failure to take Tests/Exam(s), and assignments **will result in a grade of zero. There will be no makeup of assignments or EXAMS.** If Internet or browser failure occurs, contact instructor immediately. A decision will be made at that time if the assignment/exam will be reset. Instructor reserves the right to deduct points from the scores for exceeding the scheduled time limit on the assignment/exam. **Note: If student notifies instructor about problems because of technical issues after the due date or on the last day of the semester, the student will NOT be allowed to make-up the assignment. No exceptions!** **Assignments must be turned in on the assigned date and will not be accepted late, a grade of zero will be given. All Assignments are due according to the lesson plan. The due dates are posted on the lesson plan. Makeups are not allowed for unannounced quizzes/assignments.**

**No Harm No Foul Policy:** It is the student's responsibility to drop courses during the first three days by completing a withdrawal form with a Counselor in Student Affairs. If a student comes to class during the first three days or any day during this time, the student will be dropped with no penalty **only if** they have completed the Withdrawal Form with Student Affairs by the close of business on the third business day of the quarter. (For **SPRING semester, that day will be January 11, 2017.**) **The student must formally withdraw from classes in order to receive the no harm-no foul benefit.** *If the student shows up the first day but does not return, the instructor will drop the student after the attendance period but that will not come under the no harm-no foul policy. The student will be charged for the class unless he/she formally withdraws.*

**DROPPING COURSES BEFORE THE CLASS HAS BEGUN:** Students wishing to withdraw from one or all courses prior to the first day of class need to go to Banner Web and drop their classes. Please note that a registration access number will be needed as well as a student's ID number and PIN. If the registration access number is unknown, the student will need to contact the registrar.

**ACADEMIC DISHONESTY POLICY:** The STC Academic Dishonesty Policy states All forms of academic dishonesty, including but not limited to cheating on tests, plagiarism, collusion, and falsification of information, will call for discipline. The policy can also be found in the STC Catalog and Student Handbook.

#### **Procedure for Academic Misconduct**

The procedure for dealing with academic misconduct and dishonesty is as follows:

##### **--First Offense--**

Student will be assigned a grade of "0" for the test or assignment. Instructor keeps a record in course/program files and notes as first offense. The instructor will notify the student's program advisor, academic dean, and the Registrar at the student's home campus. The Registrar will input the incident into Banner for tracking purposes.

##### **--Second Offense--**

Student is given a grade of "WF" for the course in which offense occurs. The instructor will notify the student's program advisor, academic dean, and the Registrar at the student's home campus indicating a "WF" has been issued as a result of second offense. The Registrar will input the incident into Banner for tracking purposes.

##### **--Third Offense--**

Student is given a grade of "WF" for the course in which the offense occurs. The instructor will notify the student's program advisor, academic dean, and the Registrar at the student's home campus indicating a "WF" has been issued as a result of second offense. The Vice President for Student Affairs, or designee, will notify the student of suspension from college for a specified period of time. The Registrar will input the incident into Banner for tracking purposes.

**STATEMENT OF NON-DISCRIMINATION:** The Technical College System of Georgia and its constituent Technical Colleges do not discriminate on the basis of race, color, creed, national or ethnic origin, sex, religion, disability, age, political affiliation or belief, genetic information, disabled veteran, veteran of the Vietnam Era, spouse of military member or citizenship status (except in those special circumstances permitted or mandated by law). This school is in compliance with Title VI of the Civil Rights Act of 1964, which prohibits discrimination on the basis of race, color, or national origin; with the provisions of Title IX of the Educational Amendments of 1972, which prohibits discrimination on the basis of gender; with the provisions of Section 504 of the Rehabilitation Act of 1973, which prohibits discrimination on the basis of handicap; and with the American with Disabilities Act (ADA).

The following individuals have been designated to handle inquiries regarding the nondiscrimination policies:

<b>ADA/Section 504 - Equity- Title IX (Students) - OCR Compliance Officer</b>	<b>Title VI - Title IX (Employees) - EEOC Officer</b>
Helen Thomas, Special Needs Specialist Vidalia Campus 3001 East 1 <sup>st</sup> Street, Vidalia Office 108 Phone: 912-538-3126 <a href="mailto:hthomas@southeasterntech.edu">hthomas@southeasterntech.edu</a>	Blythe Wilcox, Director of Human Resources Vidalia Campus 3001 East 1 <sup>st</sup> Street, Vidalia Office 138B Phone: 912-538-3147 <a href="mailto:bwilcox@southeasterntech.edu">bwilcox@southeasterntech.edu</a>

**GRIEVANCE PROCEDURES:** Grievance procedures can be found in the Catalog and Handbook located on STC's website.

**ACCESS TO TECHNOLOGY:** Students can now access Blackboard, Remote Lab Access, Student Email, Library Databases (Galileo), and BannerWeb via the mySTC portal or by clicking the Current Students link on the STC website at [www.southeasterntech.edu](http://www.southeasterntech.edu).

**Note:** Although students can use their smart phones and tablets to access the online portion of their course(s), exams, discussions, assignments, and other graded activities should be performed on a personal computer. Neither Blackboard nor GVTC provide technical support for issues relating to the use of a smart phone or tablet so students are advised to not rely on these devices to complete the online portion of the course.

<b>Grading Policy</b>			<b>Grading Scale</b>		<b>TCSG GUARANTEE/WARRANTY STATEMENT:</b>
Chapter - Assignments	25%	A	EXCELLENT	100-90	<i>The Technical College System of Georgia guarantees employers that graduates of State Technical Colleges shall possess skills and knowledge as prescribed by State Curriculum Standards. Should any graduate employee within two years of graduation be deemed lacking in said skills, that student shall be retrained in any State Technical College at no charge for instructional costs to either the student or the employer.</i>
Chapter - Projects	25%	B	GOOD	89-80	
Chapter - Tests	30%	C	SATISFACTORY	79-70	
Final Project	20%	D*	POOR	69-60	
<b>Total</b>	<b>100%</b>	<b>F*</b>	<b>FAILING</b>	<b>59 and below</b>	

\* Grade of D or below results in student repeating the class

**CIST 2371 – Java Programming I**  
**SPRING Semester 2017 Lesson Schedule (Fiscal Year 201714)**

Date	Chapter / Lesson	Content	Assignments Tests	Competency Area
<b>WHITE AREAS INDICIATES WORK ONLINE</b>				
<b>Week 1</b>				
Mon Jan 9				
Tue Jan 10		Class Introduction – Syllabus, Outline, Rules, and Regulations Coverage, Completion of Forms	<p><b>Logon to STUDENT MAIL:</b> Send email to Instructor. Reply to any Instructor email.</p> <p><b>Familiarize yourself with BLACKBOARD class (See STC Website – Current Students</b></p> <p><b>Login to the course on BLACKBOARD.</b> Click Course Work – Complete Start Here... items</p> <p>Review BLACKBOARD, IDS, and Discussion Board coverage</p> <p>Create a <b>cist2371</b> folder on your P: DRIVE and copy all files from M:\CIST\CIST2371\Data_Files to it.</p> <p>Read and work thru Chapter 1 – An Introduction to Programming.</p>	1 a,c
Wed 11	<b>1</b>	<b>An Introduction to Programming</b>	Lecture and review.	
Thurs 12			Complete <b>Chapter 1 assignments</b> on BLACKBOARD. Take <b>Chapter 1 Test</b> on BLACKBOARD. <b>ASSIGNMENTS DUE BEFORE MIDNIGHT 01/18/17</b>	
<b>Week 2</b>				
Mon Jan 16	<b>H</b>	<b>HOLIDAY – No Class Today</b>	Read and work thru Chapter 2 – Java Basics	
Tues 17	<b>2</b>	<b>Programming Building Blocks – Java Basics</b>	Lecture and review.	1,2 a,c
Wed 18			Read and work thru Chapter 2 – Java Basics Start <b>Chapter 2 assignments</b> on BLACKBOARD.	
Thurs 19			Work on <b>Chapter 2 assignments</b> on BLACKBOARD. <b>ASSIGNMENTS DUE BEFORE MIDNIGHT 01/25/17</b>	
<b>Week 3</b>				
Mon Jan 23			Complete <b>Chapter 2 assignments</b> on BLACKBOARD. Take <b>Chapter 2 - Test</b> on BLACKBOARD. Read and work thru Chapter 3 – OOP Part1: Using Classes <b>ASSIGNMENTS DUE BEFORE MIDNIGHT 01/25/17</b>	1,2 a,c
Tues 24	<b>3</b>	<b>Object-Oriented Programming, Part 1: Using Classes</b>	Lecture and review.	1,4,5
Wed 25			Read and work thru Chapter 3 – OOP Part 1: Using Classes Start <b>Chapter 3 assignments</b> on BLACKBOARD.	a,c
Thurs 26			Work on <b>Chapter 3 assignments</b> on BLACKBOARD. <b>ASSIGNMENTS DUE BEFORE MIDNIGHT 02/08/17</b>	

Week 4				
Mon Jan 30			Read and work thru Chapter 3 – OOP Part 1: Using Classes Work on <b>Chapter 3 assignments</b> on BLACKBOARD.	1,4,5 a,c
Tues 31	3	<b>Object-Oriented Programming, Part 1: Using Classes - continued</b>	Lecture and review.	
Wed Feb 1			Work on <b>Chapter 3 assignments</b> on BLACKBOARD.	
Thurs 2			Complete <b>Chapter 3 assignments</b> on BLACKBOARD. Take <b>Chapter 3 - Test</b> on BLACKBOARD. <b>ASSIGNMENTS DUE BEFORE MIDNIGHT 02/08/17</b>	
Week 5				
Mon Feb 6			Read and work thru Chapter 4 – Intro to Applets and Graphical Applications	1,4 a,c
Tues 7	4	<b>Intro to Applets and Graphical Applications</b>	Lecture and review.	
Wed 8			Read and work thru Chapter 4 – Intro to Applets and Graphical Applications Start <b>Chapter 4 assignments</b> on BLACKBOARD.	
Thurs 9			Work on <b>Chapter 4 assignments</b> on BLACKBOARD. <b>ASSIGNMENTS DUE BEFORE MIDNIGHT 02/15/17</b>	
Week 6				
Mon Feb 13			Complete <b>Chapter 4 assignments</b> on BLACKBOARD. Take <b>Chapter 4 - Test</b> on BLACKBOARD. Read and work thru Chapter 5 – Flow of Control, Part 1: Selection <b>ASSIGNMENTS DUE BEFORE MIDNIGHT 02/15/17</b>	1,4 a,c
Tues 14	5	<b>Flow of Control, Part 1: Selection</b>	Lecture and review.	
Wed 15			Start <b>Chapter 5 assignments</b> on BLACKBOARD.	1,3 a,c
Thurs 16			Work on <b>Chapter 5 assignments</b> on BLACKBOARD. <b>ASSIGNMENTS DUE BEFORE MIDNIGHT 02/22/17</b>	
Week 7				
Mon Feb 20			Complete <b>Chapter 5 assignments</b> on BLACKBOARD. Take <b>Chapter 5 - Test</b> on BLACKBOARD. Read and work thru Chapter 6 – Flow of Control, Part 2: Looping <b>ASSIGNMENTS DUE BEFORE MIDNIGHT 02/22/17</b>	1,3 a,c
Tues 21	6	<b>Flow of Control, Part 2: Looping</b>	Lecture and review.	
Wed 22			Start <b>Chapter 6 assignments</b> on BLACKBOARD.	
Thurs 23			Work on <b>Chapter 6 assignments</b> on BLACKBOARD. <b>ASSIGNMENTS DUE BEFORE MIDNIGHT 03/01/17</b>	

Week 8				
Mon Feb 27			Complete <b>Chapter 6 assignments</b> on BLACKBOARD. Take <b>Chapter 6 - Test</b> on BLACKBOARD. <b>ASSIGNMENTS DUE BEFORE MIDNIGHT 03/01/17</b>	1,3 a,c
Tues 28		<b>Catch-Up</b>	Complete any missing work.	
Wed Mar 1		<b>Catch-Up</b>	Complete any missing work.	
Thurs 2		<b>Catch-Up</b>	Complete any missing work.	
Week 9				
Mon Mar 6			Read and work thru Chapter 7 - Object-Oriented Programming, Part 2: User-Defined Classes	1,4,5 a,c
Tues 7	7	<b>Object-Oriented Programming, Part 2: User-Defined Classes</b>	Lecture and review.	
Wed 8			Start <b>Chapter 7 assignments</b> on BLACKBOARD.	
Thurs 9			Work on <b>Chapter 7 assignments</b> on BLACKBOARD. <b>ASSIGNMENTS DUE BEFORE MIDNIGHT 03/22/17</b>	
Week 10				
Mon Mar 12			Work on <b>Chapter 7 assignments</b> on BLACKBOARD.	1,4,5 a,c
Tue 13	7	<b>Object-Oriented Programming, Part 2: User-Defined Classes - continued</b>	Lecture and review.	
Wed 14			Work on <b>Chapter 7 assignments</b> on BLACKBOARD.	
Thurs 15			<b>ASSIGNMENTS DUE BEFORE MIDNIGHT 03/22/17</b>	
Week 11				
Mon Mar 20			Complete <b>Chapter 7 assignments</b> on BLACKBOARD. Take <b>Chapter 7 - Test</b> on BLACKBOARD. Read and work thru Chapter 8 – Single-Dimensional Arrays <b>ASSIGNMENTS DUE BEFORE MIDNIGHT 03/22/17</b>	1,4,5 a,c
Tues 21	8	<b>Single-Dimensional Arrays</b>	Lecture and review.	
Wed 22			Start <b>Chapter 8 assignments</b> on BLACKBOARD.	1,2
Thurs 23			Work on <b>Chapter 8 assignments</b> on BLACKBOARD. <b>ASSIGNMENTS DUE BEFORE MIDNIGHT 03/29/17</b>	a,c



Week 12				
Mon Mar 27			Complete <b>Chapter 8 assignments</b> on BLACKBOARD. Take <b>Chapter 8 - Test</b> on BLACKBOARD. Read and work thru Chapter 10 – OOP Part 3: Inheritance, Polymorphism, and Interfaces <b>ASSIGNMENTS DUE BEFORE MIDNIGHT 03/29/17</b>	1,2 a,c
Tues 28	<b>10</b>	<b>Object-Oriented Programming Part 3: Inheritance, Polymorphism, and Interfaces</b>	Lecture and review.	1,4 a,c
Wed 29			Start <b>Chapter 10 assignments</b> on BLACKBOARD.	
Thurs 30			Work on <b>Chapter 10 assignments</b> on BLACKBOARD <b>ASSIGNMENTS DUE BEFORE MIDNIGHT 04/05/17</b>	
Week 13				
Mon April 3			Read and work thru Chapter 10 – OOP Part 3: Inheritance, Polymorphism, and Interfaces	1,4 a,c
Tues 4	<b>10</b>	<b>Object-Oriented Programming Part 3: Inheritance, Polymorphism, and Interfaces - continued</b>	Lecture and review.	
Wed 5			Work on <b>Chapter 10 assignments</b> on BLACKBOARD.	
Thurs 6			Complete <b>Chapter 10 assignments</b> on BLACKBOARD. Take <b>Chapter 10 - Test</b> on BLACKBOARD. <b>ASSIGNMENTS DUE BEFORE MIDNIGHT 04/12/17</b>	
Week 14				
Mon Apr 10			Read and work thru Chapter 11 – Exceptions and Input/Output Operations	1,4 a,c
Tues 11	<b>11</b>	<b>Exceptions and Input/Output Operations</b>	Lecture and review.	
Wed 12			Start <b>Chapter 11 assignments</b> on BLACKBOARD.	
Thurs 13			Work on <b>Chapter 11 assignments</b> on BLACKBOARD <b>ASSIGNMENTS DUE BEFORE MIDNIGHT 04/19/17</b>	
Week 15				
Mon Apr 17			Complete <b>Chapter 11 assignments</b> on BLACKBOARD. Take <b>Chapter 11 - Test</b> on BLACKBOARD. Read and work thru Chapter 12 – Graphical User Interfaces.	1,4,6 a,c
Tues 18	<b>12</b>	<b>Graphical User Interfaces</b>	Lecture and review.	
Wed 19			Start <b>Chapter 12 assignments</b> on BLACKBOARD.	
Thurs 20			Work on <b>Chapter 12 assignments</b> on BLACKBOARD <b>ALL ASSIGNMENTS DUE BY NOON 04/24/17</b>	

## Week 16

Mon Apr 24			Complete <b>Chapter 12 assignments</b> on BLACKBOARD. Submit <b>Final Project</b> <b>ALL ASSIGNMENTS DUE <u>BY NOON</u> TODAY!!!</b>	1,2,5 a,c
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### \* Competency Areas

1. Basic Java Concepts
2. Variables Data Types Expressions
3. Decisions and Loops
4. Java OO Concepts and Use
5. Java API
6. Java GUIs

### \* General Core Competency Areas

- a) The ability to utilize standard written English.
- b) The ability to solve practical mathematical problems.
- c) The ability to read, analyze, and interpret information.

**Students are responsible for all information contained in this lesson plan. This lesson plan is subject to change at instructor's discretion!!!**