

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 2016

TENTATIVE – SUBJECT TO CHANGE

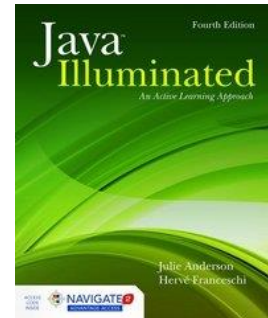
Semester: Semester 2016 FY 201614
Course Title: Java Programming I
Course Number: CIST 2351
Credit Hours/ Minutes: 4 / 5250
Class Location: Rm 812 Med Tech Bldg Vidalia Campus
Class Meets: Tue & Thu 8:15 am – 10:00 am (60%)
and Online (40%)
CRN: 40047

Instructor: Mr. John Taylor
Office Phone: 912-538-3116
Fax: 912-538-3106
Office Hours: 2:00 - 4:30 Mon – Thu
Office Location: 810
Email: jtaylor@southeasterntech.edu
Tutoring Hours: Made by Appointment

REQUIRED TEXTS: Julie Anderson, Herve Franceschi, Java Illuminated, 4th 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 Jan Brantley, Room 1208 Swainsboro Campus, 478-289-2274, or Helen Thomas, Room 108 Vidalia Campus, 912-538-3126, to coordinate reasonable accommodations.

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 the Special Needs Office. Swainsboro Campus: Jan Brantley Room 1208 (478) 289-2274 -- Vidalia Campus: Helen Thomas Room 108 (912) 538-3126.

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 13, 2016.**) **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: Southeastern Technical College does not discriminate on the basis of race, color, creed, national or ethnic origin, gender, religion, disability, age, disabled veteran, veteran of Vietnam Era 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).

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.

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.

Grading Policy			Grading Scale		
Chapter - Assignments	25%	A	EXCELLENT	100-90	
Chapter - Projects	25%	B	GOOD	89-80	
Chapter - Tests	30%	C	SATISFACTORY	79-70	
Final Project	20%	D*	POOR	69-60	
Total	<u>100%</u>	F*	FAILING	59 and below	

TCSG GUARANTEE/WARRANTY

STATEMENT: *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.*

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

CIST 2371 – Java Programming I
SPRING Semester 2016 Lesson Schedule (Fiscal Year 201614)

Date	Chapter / Lesson	Content	Assignments Tests	Competency Area
WHITE AREAS INDICIATES WORK ONLINE				
Week 1				
Mon Jan 11				
Tue Jan 12		Class Introduction – Syllabus, Outline, Rules, and Regulations Coverage, Completion of Forms	<p>Logon to STUDENT MAIL: Send email to Instructor. Reply to any Instructor email.</p> <p>Familiarize yourself with BLACKBOARD class (See STC Website – Current Students</p> <p>Login to the course on BLACKBOARD. Click Course Work – Complete Start Here... items</p> <p>Review BLACKBOARD, IDS, and Discussion Board coverage</p> <p>Create a cist2371 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 13	1	An Introduction to Programming	Lecture and review.	
Thurs 14			<p>Complete Chapter 1 assignments on BLACKBOARD.</p> <p>Take Chapter 1 Test on BLACKBOARD.</p> <p>ASSIGNMENTS DUE BEFORE MIDNIGHT 01/20/15</p>	
Week 2				
Mon Jan 18	H	HOLIDAY – No Class Today	Read and work thru Chapter 2 – Java Basics	
Tues 19	2	Programming Building Blocks – Java Basics	Lecture and review.	1,2 a,c
Wed 20			<p>Read and work thru Chapter 2 – Java Basics</p> <p>Start Chapter 2 assignments on BLACKBOARD.</p>	
Thurs 21			<p>Work on Chapter 2 assignments on BLACKBOARD.</p> <p>ASSIGNMENTS DUE BEFORE MIDNIGHT 01/27/15</p>	
Week 3				
Mon Jan 25			<p>Complete Chapter 2 assignments on BLACKBOARD.</p> <p>Take Chapter 2 - Test on BLACKBOARD.</p> <p>Read and work thru Chapter 3 – OOP Part1: Using Classes</p> <p>ASSIGNMENTS DUE BEFORE MIDNIGHT 01/27/15</p>	1,2 a,c
Tues 26	3	Object-Oriented Programming, Part 1: Using Classes	Lecture and review.	1,4,5 a,c
Wed 27			<p>Read and work thru Chapter 3 – OOP Part 1: Using Classes</p> <p>Start Chapter 3 assignments on BLACKBOARD.</p>	
Thurs 28			<p>Work on Chapter 3 assignments on BLACKBOARD.</p> <p>ASSIGNMENTS DUE BEFORE MIDNIGHT 02/10/15</p>	

Week 4				
Mon Feb 1			Read and work thru Chapter 3 – OOP Part 1: Using Classes Work on Chapter 3 assignments on BLACKBOARD.	1,4,5 a,c
Tues 2	3	Object-Oriented Programming, Part 1: Using Classes - continued	Lecture and review.	
Wed 3			Work on Chapter 3 assignments on BLACKBOARD.	
Thurs 4			Complete Chapter 3 assignments on BLACKBOARD. Take Chapter 3 - Test on BLACKBOARD. ASSIGNMENTS DUE BEFORE MIDNIGHT 02/10/15	
Week 5				
Mon Feb 8			Read and work thru Chapter 4 – Intro to Applets and Graphical Applications	1,4 a,c
Tues 9	4	Intro to Applets and Graphical Applications	Lecture and review.	
Wed 10			Read and work thru Chapter 4 – Intro to Applets and Graphical Applications Start Chapter 4 assignments on BLACKBOARD.	
Thurs 11			Work on Chapter 4 assignments on BLACKBOARD. ASSIGNMENTS DUE BEFORE MIDNIGHT 02/17/15	
Week 6				
Mon Feb 15			Complete Chapter 4 assignments on BLACKBOARD. Take Chapter 4 - Test on BLACKBOARD. Read and work thru Chapter 5 – Flow of Control, Part 1: Selection ASSIGNMENTS DUE BEFORE MIDNIGHT 02/17/15	1,4 a,c
Tues 16	5	Flow of Control, Part 1: Selection	Lecture and review.	
Wed 17			Start Chapter 5 assignments on BLACKBOARD.	1,3 a,c
Thurs 18			Work on Chapter 5 assignments on BLACKBOARD. ASSIGNMENTS DUE BEFORE MIDNIGHT 02/24/15	
Week 7				
Mon Feb 22			Complete Chapter 5 assignments on BLACKBOARD. Take Chapter 5 - Test on BLACKBOARD. Read and work thru Chapter 6 – Flow of Control, Part 2: Looping ASSIGNMENTS DUE BEFORE MIDNIGHT 02/24/15	1,3 a,c
Tues 23	6	Flow of Control, Part 2: Looping	Lecture and review.	
Wed 24			Start Chapter 6 assignments on BLACKBOARD.	
Thurs 25			Work on Chapter 6 assignments on BLACKBOARD. ASSIGNMENTS DUE BEFORE MIDNIGHT 03/02/15	

Week 8				
Mon Feb 29			Complete Chapter 6 assignments on BLACKBOARD. Take Chapter 6 - Test on BLACKBOARD. ASSIGNMENTS DUE BEFORE MIDNIGHT 03/02/15	1,3 a,c
Tues Mar 1		Catch-Up	Complete any missing work.	
Wed 2		Catch-Up	Complete any missing work.	
Thurs 3		Catch-Up	Complete any missing work.	
Week 9				
Mon Mar 7			Read and work thru Chapter 7 - Object-Oriented Programming, Part 2: User-Defined Classes	1,4,5 a,c
Tues 8	7	Object-Oriented Programming, Part 2: User-Defined Classes	Lecture and review.	
Wed 9			Start Chapter 7 assignments on BLACKBOARD.	
Thurs 10			Work on Chapter 7 assignments on BLACKBOARD. ASSIGNMENTS DUE BEFORE MIDNIGHT 03/23/15	
Week 10				
Mon Mar 14			Work on Chapter 7 assignments on BLACKBOARD.	1,4,5 a,c
Tue 15	7	Object-Oriented Programming, Part 2: User-Defined Classes - continued	Lecture and review.	
Wed 16			Work on Chapter 7 assignments on BLACKBOARD.	
Thurs 17			ASSIGNMENTS DUE BEFORE MIDNIGHT 03/23/15	
Week 11				
Mon Mar 21			Complete Chapter 7 assignments on BLACKBOARD. Take Chapter 7 - Test on BLACKBOARD. Read and work thru Chapter 8 – Single-Dimensional Arrays ASSIGNMENTS DUE BEFORE MIDNIGHT 03/23/15	1,4,5 a,c
Tues 22	8	Single-Dimensional Arrays	Lecture and review.	
Wed 23			Start Chapter 8 assignments on BLACKBOARD.	
Thurs 24			Work on Chapter 8 assignments on BLACKBOARD. ASSIGNMENTS DUE BEFORE MIDNIGHT 04/6/15	

Spring Break Holidays March 28 – April 3

Week 12				
Mon Apr 4			Complete Chapter 8 assignments on BLACKBOARD. Take Chapter 8 - Test on BLACKBOARD. Read and work thru Chapter 10 – OOP Part 3: Inheritance, Polymorphism, and Interfaces ASSIGNMENTS DUE BEFORE MIDNIGHT 04/6/15	1,2 a,c
Tues 5	10	Object-Oriented Programming Part 3: Inheritance, Polymorphism, and Interfaces	Lecture and review.	
Wed 6			Start Chapter 10 assignments on BLACKBOARD.	1,4
Thurs 7			Work on Chapter 10 assignments on BLACKBOARD ASSIGNMENTS DUE BEFORE MIDNIGHT 04/20/15	a,c
Week 13				
Mon April 11			Read and work thru Chapter 10 – OOP Part 3: Inheritance, Polymorphism, and Interfaces	1,4
Tues 12	10	Object-Oriented Programming Part 3: Inheritance, Polymorphism, and Interfaces - continued	Lecture and review.	a,c
Wed 13			Work on Chapter 10 assignments on BLACKBOARD.	
Thurs 14			Complete Chapter 10 assignments on BLACKBOARD. Take Chapter 10 - Test on BLACKBOARD. ASSIGNMENTS DUE BEFORE MIDNIGHT 04/20/15	
Week 14				
Mon Apr 18			Read and work thru Chapter 11 – Exceptions and Input/Output Operations	1,4 a,c
Tues 19	11	Exceptions and Input/Output Operations	Lecture and review.	
Wed 20			Start Chapter 11 assignments on BLACKBOARD.	
Thurs 21			Work on Chapter 11 assignments on BLACKBOARD ASSIGNMENTS DUE BEFORE MIDNIGHT 04/27/15	
Week 15				
Mon Apr 25			Complete Chapter 11 assignments on BLACKBOARD. Take Chapter 11 - Test on BLACKBOARD. Read and work thru Chapter 12 – Graphical User Interfaces.	1,4,6 a,c
Tues 26	12	Graphical User Interfaces	Lecture and review.	
Wed 27			Start Chapter 12 assignments on BLACKBOARD.	
Thurs 28			Work on Chapter 12 assignments on BLACKBOARD ALL ASSIGNMENTS DUE BY NOON 05/02/15	

Week 16

Mon May 2			Complete Chapter 12 assignments on BLACKBOARD. Submit Final Project ALL ASSIGNMENTS DUE <u>BY NOON</u> TODAY!!!	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!!!