GTCC GUILFORD TECHNICAL COMMUNITY COLLEGE

Beginning Java Programming

Department: Computer Science
Division: STEM

Course Information

Course Number: CSC 151 MON01/MON02

Credits: 3

Pre-requisites: CIS-115

Co-requisites: None

Description:

This course introduces computer programming using the JAVA programming language with object oriented programming principles. Emphasis is placed on event-driven programming methods, including creating and manipulating objects, classes, and using object-oriented tools such as the class debugger. Upon completion students should be able to design, code, test, debug JAVA language programs

Textbooks:

REVEL Access Code Only for Liang Java ISBN: 9780134167008
Purchase at GTCC Bookstore or online at:
https://www.pearson.com/au/revel/students/registration/index.html
Course Invite Link will be in Moodle on the first day of class.

Supplies: Computer, either Windows OS or Mac OS.

Mac System requirements

- macOS 10.13 or higher
- 2 GB RAM minimum, 8 GB RAM recommended
- 2.5 GB hard disk space, SSD recommended
- 1024x768 minimum screen resolution

Windows System requirements

- 64-bit versions of Microsoft Windows 10, 8
- 2 GB RAM minimum, 8 GB RAM recommended
- 2.5 GB hard disk space, SSD recommended
- 1024x768 minimum screen resolution

GTCC GUILFORD TECHNICAL COMMUNITY COLLEGE

Instructor Information

Instructor's Name: Rebecca Halsey

E-Mail Address: rwhalsey@gtcc.edu

Office Information

Location: Online
Campus: Online

Address: 6204 E Main Street
City, State, Zip: Greensboro, 27282
Office Phone: 336-334-4822 or 336-454-1126, ext.50239

Office Hours: Online, by appointment and/or email

Class Information

Beginning Date: 5/27/20 **Census Date:**6/1/20 **Withdrawal Date:** 7/6/20
Meeting Times: Online **Meeting Locations:** Online
Number of Weeks: 8 **Final Exam Date:** TBA

Census Date Policy

If a student does not meet the Census Date criteria, he/she is reported as a **No Show** for the course. For a **face-to-face course or a hybrid course**, a student **must attend** one or more class sessions **prior to or on the 10% point (Census Date)** in the class, which is noted in the Instructor Information section of the course syllabus. For an **online course**, a student **must submit an assignment or participate in a graded activity prior to or on the 10% point (Census Date)** in the class, which is noted in the Instructor Information section of the course syllabus.

Withdrawal Policy

It is the student's responsibility to withdraw from a class by the course withdrawal date that is noted in the Instructor Information section of the course syllabus. Failure to follow the withdrawal procedure will result in a grade of "F" for the course. Students are encouraged to consult with their instructor before withdrawing from the course.

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Student Learning Outcomes

At the completion of the course, the students should be able to do the following:

The main focus of this course will be to learn the Java language using OO principles and skills needed in "real-world" Java programming jobs.

1) Navigate IDE
2) Apply the syntax of java in a program
3) Design control structures within Java
4) Manipulate Java data structures

Grading Policy

Grading Scale

GRADE	REQUIREMENT
A	90 – 100
B	80 - 89
C	70 - 79
D	60 - 69
F	Below 60

Evaluation of Performance

This course has a total of 1000 points to earn. If you earn 900 points, you earn an A, 800 a B and so forth. There is a course schedule at the bottom of this syllabus that outlines the assignments, due dates and point values. There is a general "Grading Criteria" document that applies to all programming assignments. This criteria is under "Course Information" block of our Moodle site. There also may be a specific rubric for major programming assignments. If there is a specific rubric provided, the rules in the general rubric will still apply.

Policies and Information

Quality of Instruction Statement

The GTCC faculty members are committed to providing quality instruction. If there is a concern about the instruction provided, treatment of an individual or a group of students, or professional conduct of instructors, first see the instructor, then the department chair, and then the division chair. The description of Students' Rights and Responsibilities can be found in the current Student Handbook/Calendar. GTCC courses reflect essential employment skills and general education core competencies.

Department: Computer Science **Chair:** Pete Cox **Office:** AT150

Division: STEM **Chair:** Dr. Craig Rhodes **Office:** HH 350

ADA Statement
If you have a disability that may affect your academic performance **and** are seeking accommodations, it is your responsibility to inform DisAbility Access Services, Davis Hall room 107, ext. 50157 as soon as possible. It is important to request accommodations early enough to give the disabilities staff adequate time to consider your request and recommend reasonable accommodations. Instructors will provide necessary accommodations based on the recommendations of the disabilities staff.

Title IX
Guilford Technical Community College seeks to provide an environment that is free of bias, discrimination, and harassment. If you have been the victim of sexual harassment/misconduct/assault or discrimination we encourage you to report this to our Title IX Coordinator, Michael Hughes @ 336-334-4822 x 50572, mwhughes2@gtcc.edu.

GTCC faculty are committed to supporting our students and upholding gender equity laws as outlined by Title IX. If you report an incident to a faculty member, she or he must notify the college's Title IX Coordinator about the basic facts of the incident (you may choose whether you or anyone involved is identified by name). The Title IX Coordinator will assist the student in connecting with all possible resources both on and off campus.

Title IX specifically prohibits discrimination against a student based on pregnancy, childbirth, false pregnancy, termination of pregnancy, or recovery from any of these conditions. GTCC will work with students who, as a result of pregnancy or childbirth, require accommodations. Accommodations will be offered for as long as the student's doctor deems the absences medically necessary. Should you experience any of these situations, please notify your instructor or the college Title IX Coordinator, Dr. Manuel Dudley. More information about Title IX can be found on our website: Guilford Technical Community College, www.gtcc.edu.

Online Classroom
This course has an online classroom in *Moodle*. This classroom can be accessed by going to the GTCC Moodle site at online.gtcc.edu. Here you can access course documents, possible assignments and stay in contact with both your instructor and classmates. If you experience difficulty accessing your online classroom, please notify your instructor immediately. Contact Technical Assistance 24 hours a day/7 days a week at 1-866-826-3748.

School Closing Policy
If school is closed, the instructor will communicate the information for makeup of scheduled class time.

If our course is impacted by a school closing I will communicate to you via the **Course Announcements** in Moodle, these announcements are emailed to students and students should check their email ***daily***

The Center for Academic Engagement
The Center for Academic Engagement (CAE) provides academic and non-academic support to the GTCC community in order to help individuals succeed in education and in life.

Tutoring
Professional tutoring is offered on a walk-in basis for many general education subjects, and peer tutoring is available by request for a variety of career and technical subjects. Access the professional tutoring schedule and the peer tutor request form on the CAE's MyGTCC page by signing in to MyGTCC and clicking on Menu > Academics > Tutoring > Tutoring Home. The schedule is also located in the Tutoring block on the Moodle homepage; click on the "On Campus Tutoring" logo. For questions, email cae@gtcc.edu.

Tutor.com
Tutor.com is a 24/7 professional online tutoring service for a variety of subjects. Students have five hours of on-demand tutoring and document review per semester. To access Tutor.com, go to the Tutoring block on the Moodle homepage, read the Student Academic Integrity policy, and click "I agree."

Student Privacy
Students may be required to disclose personally identifiable information to other students in the course, via electronic tools like email or discussion board postings, where relevant to the course. Examples include online discussions of class topics and posting of student coursework. All students are expected to respect the privacy of each other by not sharing or using such information outside the course.

Intellectual Property Statement
The materials shared with you in this course are authorized and owned by the instructor, the school, and/or the book publisher. Copyright laws must be respected in using these materials. For example, unless authorized to do so, do not share course materials with anyone outside the course.

Student Academic Integrity
Guilford Technical Community College (GTCC) is an academic community with its fundamental purpose being the pursuit of learning and student development. Consistent with this purpose and in order to uphold and support standards of personal honesty and integrity for all members of the college community, it is the policy of GTCC to enforce standards for academic integrity of our programs and courses. Conduct that violates standards of academic honesty and integrity is subject to academic disciplinary action. This conduct may include, but is not limited to, cheating, fabrication and falsification, plagiarism, abuse of academic materials and complicity in academic dishonesty. Any student who violates these standards is subject to academic disciplinary action. Please visit the Student Academic Integrity policy on our website for more information.

Student Complaint Policy
Guilford Technical Community College (GTCC) is dedicated to resolving student complaints in a timely, fair, and amicable manner. Students attending GTCC who would like to resolve a Grade Related or Non-Grade Related Complaint should follow the Institutional Student Complaint Policy, https://supportservices.gtcc.edu/gtcc-student-complaint-policy/

After students have read the Institutional Student Complaint Policy, they will complete the Grade-Related Complaint Form or Non Grade Related Complaint Form located on the right side of the policy document.

Online students should follow the above process. At-a-distance online students, known as eDegree students, should visit Complaint Assistance for Online Students, http://supportservices.gtcc.edu/complaint-assistance-for-at-a-distance-students/

Student Conduct Policy
Students may not display conduct on Guilford Technical Community College premises or at GTCC sponsored events that adversely affects the college's educational objectives, is illegal, or is contrary to the rules and regulations of the college. Students who display such conduct shall be subject to disciplinary action under the college's disciplinary policy.

In addition to expectations for student behavior for this course provided above, a list of prohibited behaviors is documented in the College's Student Code of Conduct, https://www.gtcc.edu/_files/student%20policies%20and%20procedures/StudentCodeOfConduct.pdf. Included in the Code of Conduct is reference to the authority granted to instructors to remove students from the classroom when the student's behavior becomes a significant disruption to the learning and/or teaching environment.

Class Attendance

Attendance is mandatory, in the online environment that means reading and completing assignments for the week on- time. Grade reduction applicable after 4 missed assignments (in addition to the points lost on those assignments).

Time Expectation

Students should plan on 17-20 hours per week to spend on this class, remember this is a 16 week course taught in an 8 week session. During the 16 week course, the expectation in 10 hours per week.

Turnaround Policy

I answer emails within 24 hours if received Monday through Thursday, if an email is received Friday, Saturday or Sunday it will be answered the following Monday.

Grades turnaround is 5 days from the due date.

Late Work Policy
There is no late work accepted in this course. This course is progressive; the concepts build on the previous concepts learned. As we are completing 16 weeks of material in 8 weeks, there is no room for late submissions and they will not be accepted under any circumstance.

Course Expectations

Assignments must be completed in Revel and using the IntelliJ IDE (for programming assignments) . Most work will be submitted via the Revel Software, or complete IntelliJ projects (zipped – no .rar or .7z files accepted), or occasionally screen shots or MS Word documents.

https://www.gtcc.edu/academics/online-learning/information-for-out-of-state-students.php

Subject to Change
This course syllabus is subject to change as determined by the course instructor. If

changes are needed, an addendum to the syllabus will be provided to each student and implementation of changes will be set forth at date that addendum is issued.

COURSE SCHEDULE

CSC 151 MON01- MON02 Online Summer 2020

- The schedule below is an overview of the course schedule for the **Online** section of CSC 151. This schedule is subject to change by the instructor.
- This class meets online, beginning on 05/27/2020.
- Major assignments and tests are listed here. Please check the Moodle site for other assignment deadlines and submission links.

Week	Assignments	Topics	Due Date	Points
WEEK 1	Inatallation & Revel 1, 2	Introduction to Java, Elementary Programming, Decisions	29-May	30
	Revel 3, First IntelliJ Project		2-Jun	45
WEEK 2	Revel Chapter 4	Mathematical Functions, Characters and Strings	5-Jun	30
	Project 1 (CH 1-4)		9-Jun	45
WEEK 3	Revel Chapter 5, mini project	Repitition Structures and Methods	12-Jun	50
	Revel Chapter 6, mini project		16-Jun	50
WEEK 4	Project 2	Ch 1-6 project and Single Dimensional Arrays	22-Jun	100
	Revel Chapter 7		26-Jun	75
WEEK 5	Project 3		30-Jun	100
WEEK 6	Revel chapter 9, mini project	Objects and Classes Inheritance and Polymorphism	3-Jul	75
	Revel Chapter 10, 11		7-Jul	100
WEEK 7	Final Phase 1	Exception Handling and Text I/O	10-Jul	100
	Revel Chapter 12		14-Jul	100
WEEK 8	Final Phase 2		17-Jul	100
Total				1000