



TENTATIVE—SUBJECT TO CHANGE
CIST1305 Program Design and Development
COURSE SYLLABUS
Online
Summer Semester 2021 (202116)

COURSE INFORMATION

Credit Hours/Minutes: **3/3000**

Campus/Class Location: **Georgia Virtual Technical Connection (GVTC)/Blackboard**

Class Meets: **Via Internet for 9 weeks**

Course Reference Number (CRN): **60013**

Preferred Method of Contact: **Email – [John Taylor \(jtaylor@southeasterntech.edu\)](mailto:jtaylor@southeasterntech.edu)**

INSTRUCTOR CONTACT INFORMATION

Instructor Name: **Mr. John Taylor**

Email Address: **[John Taylor \(jtaylor@southeasterntech.edu\)](mailto:jtaylor@southeasterntech.edu)**

Campus/Office Location: **Vidalia Campus, Room 810 Medical Technology Building**

Office Hours: **2:00 – 4:30 Monday - Thursday**

Phone: **912-538-3116**

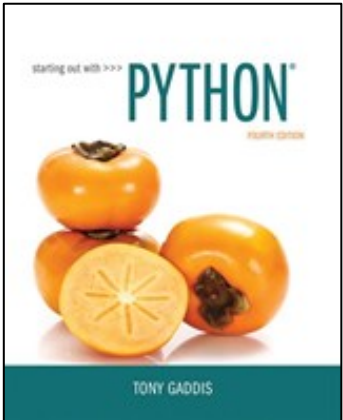
Fax Number: **912-538-3106**

Tutoring Hours: **Made by appointment with instructor**

SOUTHEASTERN TECHNICAL COLLEGE’S (STC) CATALOG AND HANDBOOK

Students are responsible for all policies and procedures and all other information included in Southeastern Technical College’s [Catalog and Handbook \(https://catalog.southeasterntech.edu/college-catalog/downloads/current.pdf\)](https://catalog.southeasterntech.edu/college-catalog/downloads/current.pdf).

REQUIRED TEXT

Book Image	Book Information
	<p>Starting Out With Python, Fourth Edition</p> <p>Tony Gaddis, <i>Haywood Community College</i></p> <p>ISBN-13: 978-0-13-44432-1</p> <p>©2018 • Pearson • 744 Pages Paperback</p> <p>You can purchase from the STC bookstore Southeastern Technical College bookstore (stcbookstore@southeasterntech.edu) or 912-538-3129</p>

REQUIRED SUPPLIES & SOFTWARE

Internet access, Python interpreter software (can be downloaded for free at <https://www.python.org/downloads/>), text editor program for creating program files (Notepad++ can be download for free at <https://notepad-plus-plus.org/downloads/>)

Note: Although students can use their smart phones and tablets to access their online course(s), exams, discussions, assignments, and other graded activities should be performed on a personal computer. Neither Blackboard nor Georgia Virtual Technical Connection (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 take an online course.

Students should not share login credentials with others and should change passwords periodically to maintain security.

COURSE DESCRIPTION

An introductory course that provides problem solving and programming concepts for those that develop user applications. An emphasis is placed on developing logic, troubleshooting, and using tools to develop solutions. Topics include: problem solving and programming concepts, structured programming, the three logic structures, file processing concepts, and arrays.

MAJOR COURSE COMPETENCIES

1. Define problem solving and programming concepts
2. Develop structured solutions using the three logic structures
3. Develop structured solutions utilizing file processing concepts
4. Develop structured solutions using arrays.

PREREQUISITE(S)

None

COURSE OUTLINE

Course Outline

1. Introduction to Computers and Programming

Order	Description
1	Understanding how computers work.
2	Understanding how data is stored and manipulated.
3	Why we write programs in high-level languages
4	Introduction to Python

2. Input, processing, and Output

Order	Description
1	Program development life cycle.
2	Understanding variables and data types.
3	Writing simple programs in sequence structures.
4	Pseudocode and flowcharts.

3. Decision Structures and Boolean Logic

Course Outline

Order	Description
1	Understanding relational operators and Boolean expressions.
2	Program control using decision structures
3	Use nested decision structures and logical operators.

4. Repetition Structures

Order	Description
1	Program control using repetition structures.
2	Use counters, accumulators, running totals and sentinels.

5. Functions

Order	Description
1	Write and call void functions.
2	Use common python library functions.
3	Use value-returning functions.

6. Files and Exceptions

Order	Description
1	Using sequential file input.
2	Write data to files.
3	Writing Exception handling code.

7. Lists and Tuples

Order	Description
1	Creating lists for array-like operations.
2	Learn how to search lists, calculate sums and average of items in a list.
3	Using slicing and other list functions
4	Perform wireless hacking using security tools.

8. More About Strings

Order	Description
1	Understand the principals of cryptography.
2	Describe symmetric and asymmetric encryption algorithms.
3	Perform cryptosystem attacks.

10. Classes and Object-Oriented Programming

Order	Description
1	Compare procedural and object-oriented structures.
2	Learn the fundamental concepts about classes and objects.
3	Model classes using UML.

GENERAL EDUCATION CORE COMPETENCIES

Southeastern Technical College has identified the following general education core competencies that graduates will attain:

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

STUDENT REQUIREMENTS (ONLINE)

Students are expected to complete all work required by the instructor. Students will have at least one week to complete tests and assignments. All tests and assignments are **due at midnight on Wednesday of each week**. All programming assignments must be keyed in using a text editor, saved with .py extension, uploaded, and attached for grading in Blackboard.

Students are expected to prove weekly academic engagement by meeting assignment deadlines each week and spending a **minimum of 4 hours per week** during the semester doing the required homework, quizzes, and tests. Students are expected to communicate frequently through college email and discussion boards. College email is accessed at <https://portal.office.com>, under Quick links on our webpage, or in the menu of your Blackboard course.

COVID-19 MASK REQUIREMENT

Masks or face coverings must be worn at all times while on the campus of Southeastern Technical College. This measure is being implemented to reduce COVID-19 related health risks for everyone engaged in the educational process. Masks or face coverings must be worn over the nose and mouth, in accordance with the Centers for Disease Control and Prevention (CDC). A student's refusal to wear a mask or face covering will be considered a classroom disruption and the student may be asked to leave campus and/or receive further discipline.

COVID-19 SIGNS AND SYMPTOMS

We encourage individuals to monitor for the signs and symptoms of COVID-19 prior to coming on campus.

If you have experienced the symptoms listed below or have a body temperature 100.4°F or higher, we encourage you to self-quarantine at home and contact a primary care physician's office, local urgent care facility, or health department for further direction. Please notify your instructor(s) by email and do not come on campus for any reason.

COVID-19 Key Symptoms
Fever or felt feverish
Cough: new or worsening, not attributed to another health condition
Shortness of breath, not attributed to another health condition
New loss of taste or smell
Chills; Repeated shaking with chills
Sore throat, not attributed to another health condition
Muscle pain, not attributed to another health condition or exercise

COVID-19 Key Symptoms

Headache, not attributed to another health condition

Diarrhea (unless due to known cause)

In the past 14 days, if you:

Have had close contact with or are caring for an individual diagnosed with COVID-19 at home (not in healthcare setting), please do not come on campus and contact your instructor (s).

COVID-19 SELF-REPORTING REQUIREMENT

Students, who test positive for COVID-19 or who have been exposed to a COVID-19 positive person, are required to self-report using the [COVID 19 Health Reporting Form https://bit.ly/2Xq4g0f](https://bit.ly/2Xq4g0f). Report all positive cases of COVID-19 to your instructor and [Stephannie Waters](mailto:swaters@southeasterntech.edu), Exposure Control Coordinator, swaters@southeasterntech.edu, 912-538-3195.

ONLINE ATTENDANCE

It is the student's responsibility to be academically engaged each week doing course related 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" (Failing 0-59) in a course.

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. Students will be expected to complete all work required by the instructor as described in the individual course syllabus.

Students will have at least one week to complete tests and assignments. All tests and assignments are **due at midnight on Wednesday** of each week. 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 WITH DISABILITIES

Students with disabilities who believe that they may need accommodations in this class based on the impact of a disability are encouraged to contact the appropriate campus coordinator to request services.

Swainsboro Campus: [Helen Thomas, \(hthomas@southeasterntech.edu\)](mailto:hthomas@southeasterntech.edu), 478-289-2274, Building 1, Room 1210.

Vidalia Campus: [Helen Thomas, \(hthomas@southeasterntech.edu\)](mailto:hthomas@southeasterntech.edu), 912-538-3126, Building A, Room 165.

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 make arrangements with the appropriate campus coordinator.

Swainsboro Campus: [Helen Thomas, \(hthomas@southeasterntech.edu\)](mailto:hthomas@southeasterntech.edu), 478-289-2274, Building 1, Room 1210.

Vidalia Campus: [Helen Thomas, \(hthomas@southeasterntech.edu\)](mailto:hthomas@southeasterntech.edu), 912-538-3126, Building A, Room 165.

It is strongly encouraged that requests for consideration be made **PRIOR** to delivery and early enough in the pregnancy to ensure that all the required documentation is secured before the absence occurs. Requests made after delivery **MAY NOT** be accommodated. The coordinator will contact your instructor to discuss accommodations when all required documentation has been received. The instructor will then discuss a plan with you to make up missed assignments.

WITHDRAWAL PROCEDURE

Students wishing to officially withdraw from a course(s) or all courses after the drop/add period and prior to the 65% point of the term in which student is enrolled (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” (Withdrawn) is assigned for the course(s) when the student completes the withdrawal form.

Important – Student-initiated withdrawals are not allowed after the 65% point. After the 65% point of the term in which student is enrolled, the student has earned the right to a letter grade and will receive a grade for the course. Please note: Abandoning a course(s) instead of following official withdrawal procedures may result in a grade of “F” (Failing 0-59) being assigned.

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

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. A grade of “W” will count in attempted hour calculations for the purpose of Financial Aid.

ONLINE PROCTORED EVENT WITHDRAWALS

Students who do not complete the proctored event on the scheduled date and do not present a valid documented excuse within three business days of the scheduled event will be given a zero for the proctored event.

PROCTORED EVENT REQUIREMENT

In order to validate student identity for all online courses, students enrolled in online courses are **required** to complete one proctored event per online course. The proctored event will be administered on separate days—once on the Vidalia campus and once on the Swainsboro campus. Students must attend one of the proctored sessions as scheduled on the Lesson Plan/Course Calendar. The event will be monitored by the instructor or by an approved proctor. The proctored event may be a major exam, assignment, or presentation, etc. that will count a minimum of 20% of the course grade. Students must attend one of the scheduled proctored sessions and will need to make arrangements with work, childcare, etc. The specific dates of the proctored event are scheduled on the Lesson Plan/Calendar for the online course.

Students living farther than 75 miles from either campus who cannot come to Southeastern Tech for the event must secure an approved proctoring site. The site and the proctor must meet Southeastern Technical College's requirements (instructor will provide more information and necessary forms if this is the case).

Note: Students taking proctored events off campus will utilize the Proctor Scheduling and Approval Form found in Blackboard within the Getting Started/Start Here and Proctoring Event area. The completed form should be submitted to the course instructor a minimum of two weeks prior to the proctored event. If approved, the instructor will notify the proctor.

Students arranging off-campus proctoring must take the event on one of the-originally scheduled days.

Students who do not complete the proctored event as scheduled must submit a valid documented excuse within three business days after the scheduled event. If the excuse is approved by the instructor of the course, students must make arrangements with the instructor to makeup/reschedule the missed event. The penalty and makeup instructions will be at the instructor's discretion. Proctored events will be given after the 65% point of the semester. Students who do not complete the proctored event on the scheduled date and do not present a valid documented excuse within three business days of the scheduled event will be given a zero for the proctored event.

PROCTORING FEES

Students are not charged a proctoring fee when taking a proctored event at Southeastern Technical College or any other TCSG college. Students who choose to use an off-campus proctor may be assessed a proctoring fee by the proctoring site. In this instance, the student is responsible for payment.

The required proctored event for this class is scheduled on the following dates and times:

Vidalia, July 26, 2:00 PM Gillis Building Room 812 or Swainsboro, July 27, 2:00 PM Building 2 Room 2106

MAKEUP GUIDELINES (TESTS, QUIZZES, HOMEWORK, PROJECTS, ETC.)

Statement will vary per program, course, or instructor. Information should be included pertaining to such items as tests, quizzes, homework, etc.

ACADEMIC DISHONESTY POLICY

The Southeastern Technical College Academic Dishonesty Policy states that 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 Southeastern Technical College Catalog and Handbook.

PROCEDURE FOR ACADEMIC MISCONDUCT

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

1. 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.

2. Second Offense

Student is given a grade of "WF" (Withdrawn Failing) 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.

3. 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 third 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 (TCSG) and its constituent Technical Colleges do not discriminate on the basis of race, color, creed, national or ethnic origin, gender, 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 nondiscrimination policy encompasses the operation of all technical college-administered programs, federally financed programs, educational programs and activities involving admissions, scholarships and loans, student life, and athletics. It also applies to the recruitment and employment of personnel and contracting for goods and services.

All work and campus environments shall be free from unlawful forms of discrimination, harassment and retaliation as outlined under Title IX of the Educational Amendments of 1972, Title VI and Title VII of the Civil Rights Act of 1964, as amended, the Age Discrimination in Employment Act of 1967, as amended, Executive Order 11246, as amended, the Vietnam Era Veterans Readjustment Act of 1974, as amended, Section 504 of the Rehabilitation Act of 1973, as amended, the Americans With Disabilities Act of 1990, as amended, the Equal Pay Act, Lilly Ledbetter Fair Pay Act of 2009, the Georgia Fair Employment Act of 1978, as amended, the Immigration Reform and Control Act of 1986, the Genetic Information Nondiscrimination Act of 2008, the Workforce Investment Act of 1998 and other related mandates under TCSG Policy, federal or state statutes.

The Technical College System and Technical Colleges shall promote the realization of equal opportunity through a positive continuing program of specific practices designed to ensure the full realization of equal opportunity.

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

American With Disabilities Act (ADA)/Section 504 - Equity- Title IX (Students) – Office of Civil Rights (OCR) Compliance Officer	Title VI - Title IX (Employees) – Equal Employment Opportunity Commission (EEOC) Officer
Helen Thomas, Special Needs Specialist Vidalia Campus 3001 East 1 st Street, Vidalia Office 165 Phone: 912-538-3126 Email: Helen Thomas (hthomas@southeasterntech.edu)	Lanie Jonas, Director of Human Resources Vidalia Campus 3001 East 1 st Street, Vidalia Office 138B Phone: 912-538-3230 Email: Lanie Jonas (ljonas@southeasterntech.edu)

ACCESSIBILITY STATEMENT

Southeastern Technical College is committed to making course content accessible to individuals to comply with the requirements of Section 508 of the Rehabilitation Act of Americans with Disabilities Act (ADA). If you find a problem that prevents access, please contact the course instructor.

GRIEVANCE PROCEDURES

Grievance procedures can be found in the Catalog and Handbook located on Southeastern Technical College'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 [Southeastern Technical College Website](http://www.southeasterntech.edu) (www.southeasterntech.edu).

TECHNICAL COLLEGE SYSTEM OF GEORGIA (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.

GRADING POLICY

Assessment/Assignment	Percentage
Chapter Review Questions	20%
Programming Assignments	25%
Tests	25%
Discussion Boards	10%
Final Exam (Proctored)	20%

GRADING SCALE

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

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

Discussion Board Grading Rubrics:

Criteria Weight	Exceptional 100	Proficient 90	Satisfactory 70	Poor 50	Unacceptable 0
Grammar/ Spelling 25.00 %	<ul style="list-style-type: none"> No grammatical or spelling errors (25 points) 	<ul style="list-style-type: none"> Grammatical and spelling errors are few and cause no comprehension problems. (22.5 points) 	<ul style="list-style-type: none"> Grammatical and spelling errors cause the reader to reread many parts of the post. (17.5 points) 	<ul style="list-style-type: none"> Grammatical and spelling errors are frequent making posts confusing to read and comprehend. (12.5 points) 	<ul style="list-style-type: none"> Grammatical and spelling errors are so numerous that the post is hard or impossible to comprehend. (0 points)
Posts & Word Count 25.00%	<ul style="list-style-type: none"> Posts early to allow time to read and reply Publishes at least one original post and at least one reply 125 - 150 words in main thread (25 points) 	<ul style="list-style-type: none"> Posts early to allow others time to read and reply Publishes one post and one reply 80 – 124 words in main thread (22.5 points) 	<ul style="list-style-type: none"> Posts at the last minute without allowing enough time for others to read and reply. Publishes one post and no replies 26 – 79 words in main thread (17.5 points) 	<ul style="list-style-type: none"> Posts at the last minute without allowing enough time for others to read and reply. Publishes no posts and one reply 0-25 words in main thread (12.5 points) 	<ul style="list-style-type: none"> Publishes no posts or replies (0 points)
Critical Thinking NO COPYING AND PASTING FROM WEBSITES. If any information comes from a website it must be cited as a resource. 25.00%	<ul style="list-style-type: none"> Content provides a thorough frame of reference for comprehending the solution; an original solution is provided. Numerous Resources listed (25 points) 	<ul style="list-style-type: none"> Content provides appropriate factual data but is not original or complete to solve problem or topic. Resources listed (22.5 points) 	<ul style="list-style-type: none"> Content attempts to solve problem or topic but is too vague or disorganized to completely comprehend solution. Few resources listed (17.5 points) 	<ul style="list-style-type: none"> Content is not a realistic solution to the problem or topic. One resource listed (12.5 points) 	<ul style="list-style-type: none"> Content fails to offer a conscientious solution to selected problem or topic. No resource listed (0 points)
Explanation 25.00%	<ul style="list-style-type: none"> All Steps are covered. Questions are answered correctly. (25 points) 	<ul style="list-style-type: none"> Most Steps are covered and answered correctly. (22.5 points) 	<ul style="list-style-type: none"> Most steps are covered but not answered correctly. (17.5 points) 	<ul style="list-style-type: none"> Less than half of the steps are covered and answered correctly. (12.5 points) 	<ul style="list-style-type: none"> Less than half of the steps are covered and not answered correctly. (0 points)

CIST1305 Program Design and Development
LESSON PLAN
Summer Semester 202116 Lesson Plan
May 17, 2021 – July 28, 2021

WEEK 1

Date	Chapter	Content	Assignments & Test Due Dates	Competency Area
May 17 - 23	1	Class Introduction – Syllabi, Outline, Work Ethics, Rules, and Regulations Coverage Introduction Introduction to Computers and Programming	Logon to the course on BLACKBOARD. Complete <u>Pledge, Student Introduction, COVID 19 Presentation Acknowledgement, and Syllabus Quiz</u> on Blackboard. These 4 tasks must be completed no later than May 19, 2021 to remain in this class. Review BLACKBOARD and Discussion Board coverage. Read and work thru <u>Chapter 1.</u> Download works files to create the cist1305 folder. Do Chapter 1 <u>Review Questions</u> on BLACKBOARD. Take Chapter 1 <u>Test</u> on BLACKBOARD.	1 a,c

***Week 1 assignments must be completed and turned in before midnight May26.**

WEEK 2

Date	Chapter	Content	Assignments & Test Due Dates	Competency Area
May 24 - 30	2	Input, Processing, and Output	Read thru <u>Chapter 2.</u> Do Chapter 2 <u>Review Questions</u> on BLACKBOARD. Complete <u>Discussion Board 1</u> on BLACKBOARD. Complete Chapter 2 <u>Programming Exercises 2, 5, 8 & 12</u> Save all work for this assignment in your cist1305 folder using the following naming convention for exercise files: ch#ex#.py <i>Example: chapter 2 exercise 2 - ch2ex2.py</i> Take Chapter 2 <u>Test</u> on BLACKBOARD.	1,2,3 a,b,c

***Week 2 assignments must be completed and turned in before midnight June 2.**

WEEK 3

Date	Chapter	Content	Assignments & Test Due Dates	Competency Area
May 31 – June 6	3	Decision Structures and Boolean Logic	Read thru <u>Chapter 3.</u> Complete <u>Discussion Board 2</u> on BLACKBOARD. Do Chapter 3 <u>Review Questions</u> on BLACKBOARD. Complete Chapter 3 <u>Programming Exercises 2, 3, 6 & 13</u> Save all work for this assignment in your P:\cist1305 folder using the following naming convention for exercise files: ch#ex#.py <i>Example: chapter 3 exercise 2 – ch3ex2.py</i> Take Chapter 3 <u>Test</u> on BLACKBOARD.	1,2,3 a,b,c

***Week 3 assignments must be completed and turned in before midnight June 9.**

WEEK 4

Date	Chapter	Content	Assignments & Test Due Dates	Competency Area
June 7 - 13	4	Repetition Structures	Read thru Chapter 4. Complete Discussion Board 3 on BLACKBOARD. Do Chapter 4 Review Questions on BLACKBOARD. Complete Chapter 4 Programming Exercises 1, 5, 6, 8 & 10 Save all work for this assignment in your P:\cist1305 folder. Take Chapter 4 Test on BLACKBOARD.	1,2,3 a,b,c

***Week 4 assignments must be completed and turned in before midnight June 16.**

WEEK 5

Date	Chapter	Content	Assignments & Test Due Dates	Competency Area
June 14 - 20	5	Functions	Read thru Chapter 5. Complete Discussion Board 4 on BLACKBOARD. Do Chapter 5 Review Questions on BLACKBOARD. Complete Chapter 5 Programming Exercises 1, 3, 4, 11, 15 & 20 Save all work for this assignment in your P:\cist1305 folder. Take Chapter 5 Test on BLACKBOARD.	1,2,3 a,b,c

***Week 5 assignments must be completed and turned in before midnight June 23.**

WEEK 6

Date	Chapter	Content	Assignments & Test Due Dates	Competency Area
June 21 - 27	6	Files and Exceptions	Complete <u>Discussion Board 5</u> on BLACKBOARD. Do Chapter 6 <u>Review Questions</u> on BLACKBOARD. Complete Chapter 6 <u>Programming Exercises 3, 4, 5, 6 & 9</u> Save all work for this assignment in your P:\cist1305 folder. Take Chapter 6 <u>Test</u> on BLACKBOARD.	1,2,3 a,b,c

***Week 6 assignments must be completed and turned in before midnight June 30.**

WEEK 7

Date	Chapter	Content	Assignments & Test Due Dates	Competency Area
June 28 – July 4	7	Lists and Tuples	Read thru <u>Chapter 7.</u> Do Chapter 7 <u>Review Questions</u> on BLACKBOARD. Complete Chapter 7 <u>Programming Exercises 1, 2, 3, 5 & 10</u> Save all work for this assignment in your P:\cist1305 folder. Take Chapter 7 <u>Test</u> on BLACKBOARD.	1,2,3,4,5 a,b,c

***Week 7 assignments must be completed and turned in before midnight July 14.**

WEEK 8

Date	Chapter	Content	Assignments & Test Due Dates	Competency Area
July 5-11		Summer Break – No classes		

WEEK 9

Date	Chapter	Content	Assignments & Test Due Dates	Competency Area
July 12 - 18	8	More about Strings	Read thru Chapter 8. Do Chapter 8 Review Questions on BLACKBOARD. Complete Chapter 8 Programming Exercises 1, 3, 5 & 10 Save all work for this assignment in your P:\cist1305 folder. Take Chapter 8 Test on BLACKBOARD.	1,3,4,5 a,b,c

***Week 9 assignments must be completed and turned in before midnight July 21.**

WEEK 10

Date	Chapter	Content	Assignments & Test Due Dates	Competency Area
July 19 - 25	10	Classes and Object-Oriented Programming	Read thru Chapter 10. Do Chapter 10 Review Questions on BLACKBOARD. Complete Chapter 10 Programming Exercises 2 & 5 Save all work for this assignment in your P:\cist1305 folder. Take Chapter 10 Test on BLACKBOARD. Study Chapter Review Questions for Final Exam prep.	1,3,4 a,b,c

***Week 10 assignments must be completed and turned in before midnight July 26.**

WEEK 11

Date	Chapter	Content	Assignments & Test Due Dates	Competency Area
July 26-27			Proctored Final Exam (covers chapters 1-8, and 10) Vidalia, July 26, 2:00 PM Gillis Building Room 812 or Swainsboro, July 27, 2:00 PM Building 2 Room 2106 All work due Monday, July 26 11:59 PM!	1,2,3,4,5 a,b,c

***Week 11 assignments must be completed and turned in before midnight July 26.**

COMPETENCY AREAS: (WILL VARY FOR EACH COURSE/TAKEN FROM STATE STANDARDS)

1. Define problem solving and programming concepts
2. Develop structured solutions using the three logic structures
3. Develop structured solutions utilizing file processing concepts
4. Develop structured solutions using arrays.

GENERAL CORE EDUCATIONAL COMPETENCIES:

- 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.

