



**TENTATIVE—SUBJECT TO CHANGE**

**CIST2550 Web Development II**

**COURSE SYLLABUS**

**Online**

**Fall Semester 2020 (202112)**

**COURSE INFORMATION**

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

Class Location: **Room 812 Gillis Building, Vidalia Campus**

Class Meets: **Via Internet for 15 weeks**

CRN: **20056**

Preferred Method of Contact: **STC Email**

**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**

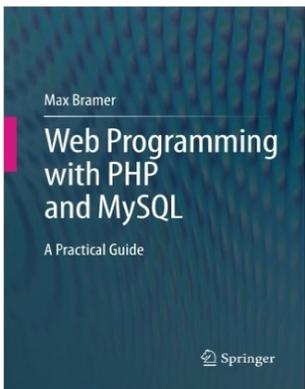
Fax Number: **912-538-3106**

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](http://www.southeasterntech.edu/student-affairs/catalog-handbook.php) (<http://www.southeasterntech.edu/student-affairs/catalog-handbook.php>).

**REQUIRED TEXT**

Book Image	Book Information
	<p><b>Web Programming with PHP and MySQL – A Practical Guide</b></p> <p><b>Max Bramer</b></p> <p><b>ISBN-13: 978-3319226583</b> <b>ISBN-10: 3319226584</b></p> <p><b>©2015 • Springer International Publishing • Paper, 388 pp</b></p> <p>You can purchase from the STC bookstore <a href="#">STC Bookstore</a> or 912-538-3129.</p>

## **REQUIRED SUPPLIES & SOFTWARE**

Internet Access required; Notepad++, HeidiSQL, FTP software.

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**

Web Development II teaches students how to manipulate data in a database using the Open Database Connectivity (ODBC) model. Students will learn to retrieve, update, and display database information with a web application. Database access may be accomplished using a web programming language (such as PHP, Microsoft VB, Microsoft C#, or SUN Java). Topics include manipulating data in a database, working with a relational database via ODBC, working with different database systems, developing forms and applications to interact with a database server(s), modifying data in a database, and controls and validation.

## **MAJOR COURSE COMPETENCIES/OUTLINE**

1. Construct a Database
2. Implement a Relational Database via ODBC
3. Develop Forms and Applications to Interact with File Systems Email and Database Servers
4. Modify Data in a Database
5. Design Controls and Validation

## **PREREQUISITE(S)**

CIST 1220, CIST 1510, CIST 1520

## **GENERAL EDUCATION CORE COMPETENCIES**

STC 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 XXXX of each week. Assignments must be keyed in Microsoft Word, saved, uploaded, and attached for grading in Blackboard.

Students are expected to prove weekly academic engagement by meeting assignment deadlines each week and spending enough time 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.

<b>COVID-19 Key Symptoms</b>
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
Headache, not attributed to another health condition
Diarrhea (unless due to known cause)
<b>In the past 14 days, if you:</b>
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 taking classes on campus, 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](#). Report all positive cases of COVID-19 to your instructor and [Stephannie Waters](#), Exposure Control Coordinator, [swaters@southeasterntech.edu](mailto:swaters@southeasterntech.edu), 912-538-3195.

## DISCUSSION BOARD TOPICS

Discussions must be appropriate to the class. Spelling and Grammar are considered part of the grade. Posted content should fully answer the question. Short 1 to 2 sentence posts will not be sufficient. See Discussion Board rubric below. **Complete your initial post by Wednesday and all replies by the Tuesday due date.**

## EMAILS

Preferred method of communication should be through student 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: **CIST2550 Taylor**

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 our Blackboard course.

### **CHECKING GRADES**

A grade book is made available in the BLACKBOARD course on the main page by clicking the MY GRADES link when students log in. This grade book is for students to review and is continuously updated throughout the semester. Students can view 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.

### **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. **The student must formally withdraw from classes in order to receive the no harm-no foul benefit.**

### **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 **11:59PM** on **Wednesday** of the following 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:** [Macy Gay mgay@southeasterntech.edu](mailto:Macy_Gay_mgay@southeasterntech.edu), 478-289-2274, Building 1, Room 1210

**Vidalia Campus:** [Helen Thomas hthomas@southeasterntech.edu](mailto:Helen_Thomas_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:** [Macy Gay mgay@southeasterntech.edu](mailto:Macy_Gay_mgay@southeasterntech.edu), 478-289-2274, Building 1, Room 1210

**Vidalia Campus:** [Helen Thomas hthomas@southeasterntech.edu](mailto:Helen_Thomas_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.

### **PROCTORED EVENT REQUIREMENT**

**Due to the uncertainties of COVID-19, this event will not be proctored for Fall Semester 202112. Students will complete the event, but will not be required to come on campus to do it.**

The event may be a major exam, assignment, or presentation, etc. that will count a minimum of 20% of the course grade. Students who do not complete the 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. Events will be given after the 65% point of the semester. **Students who do not complete the event on the scheduled date and do not present a valid documented excuse within three business days of the scheduled event will be withdrawn from the course with a “WF” (Withdrawn Failing). If the event is scheduled during final exams, any student who misses the event will be issued an “F” (Failing) for the course.**

### **EXIT EXAM**

All Web Site Design diploma and degree students are required to pass the Capstone Exam/Project of CIST2550 at the end of the semester. Students must score 70% or better on the Capstone Exam/Project to successfully complete the course. Students scoring below 70 will be required to retake CIST2550.

### **WORK ETHICS**

The Technical College System of Georgia instructs and evaluates students on work ethics in all programs of study. Ten work ethics traits have been identified and defined as essential for student success: appearance, attendance, attitude, character, communication, cooperation, organizational skills, productivity, respect, and

teamwork. Students will be required to take a work ethics exam as marked in the lesson plan. A grade of 70 or better is required to complete the work ethics requirements for this class.

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

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. Weeks start on Monday and end on Sunday with assignments due on Wednesday at midnight of the following week. See Lesson Plan. Makeups are not allowed for unannounced quizzes/assignments.

### **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:

<b>American With Disabilities Act (ADA)/Section 504 - Equity- Title IX (Students) – Office of Civil Rights (OCR) Compliance Officer</b>	<b>Title VI - Title IX (Employees) – Equal Employment Opportunity Commission (EEOC) Officer</b>
Helen Thomas, Special Needs Specialist Vidalia Campus 3001 East 1 <sup>st</sup> Street, Vidalia Office 108 Phone: 912-538-3126 Email: <a href="mailto:Helen.Thomas@southeasterntech.edu">Helen Thomas</a> <a href="mailto:hthomas@southeasterntech.edu">hthomas@southeasterntech.edu</a>	Lanie Jonas, Director of Human Resources Vidalia Campus 3001 East 1 <sup>st</sup> Street, Vidalia Office 138B Phone: 912-538-3230 Email: <a href="mailto:Lanie.Jonas@southeasterntech.edu">Lanie Jonas</a> <a href="mailto:ljonas@southeasterntech.edu">ljonas@southeasterntech.edu</a>

### **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 \(STC\) Website \(www.southeasterntech.edu\)](http://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 Work	20%
Chapter Exercises	25%
Exams(Midterm & Final)	25%
Final Project	20%
Work Ethics Assessment	5%
Discussions	5%

## 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

## DISCLAIMER STATEMENT

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.

## Discussion Board Grading Rubrics:

# of discussion posts	# of discussion replies	Grade	Due Date, Length, Grammar and Spelling Requirements
1	1	100	Students who post their initial discussion board response to the discussion board topic and reply to at least one other student's post will be given a 100 on the assignment <u>if</u> the post is turned in by the due date, contain 4-5 sentences and free of grammatical and spelling errors. The student will receive a one point deduction for each grammatical and spelling error in both their response and reply. A 10 point deduction will be given for any response or reply that is not 4-5 sentences in length. No credit will be given for any response or reply that is simply an answer of "yes/no" or "I agree/disagree." Replying to your own post is NOT considered a reply.
1	0	70	Any student that does not respond to at least one other student's post will not receive a grade above 70. The grade of 70 will be the highest grade that the student will be able to receive on the discussion post if the post is turned in by the due date, contain 4-5 sentences and free of grammatical errors and spelling errors. The student will receive a one point deduction for each grammatical and spelling error in their response. A 10 point deduction will be given for any response that is not 4-5 sentences in length. No credit will be given for any response or reply that is simply an answer of "yes/no" or "I agree/disagree." Replying to your own post is NOT considered a reply.
0	1	50	Students who only respond to one other student's post will not receive a grade above 50. The grade of 50 will be the highest grade that the student will be able to receive on the discussion response if the response is turned in by the due date, contain 4-5 sentences and free of grammatical errors and spelling errors. The student will receive a one point deduction for each grammatical and spelling error in their reply. A 10 point deduction will be given for any reply that is not 4-5 sentences in length. No credit will be given for any response or reply that is simply an answer of "yes/no" or "I agree/disagree." Replying to your own post is NOT considered a reply.
0	0	0	Students will receive a 0 on the discussion topic if the student does not post an answer or response to one other students' post by the due date. No credit will be given for any response or reply that is simply an answer of "yes/no" or "I agree/disagree." Replying to your own post is NOT considered a reply.

## Work Ethics Assessment - Grading Rubric

	<b>Achievement Level 1 (2 pt. ea.)</b>	<b>Achievement Level 2 (4 pts. ea.)</b>	<b>Achievement Level 3 (6 pts. ea.)</b>	<b>Achievement Level 4 (8 pts. ea.)</b>	<b>Achievement Level 5 (10 pts. ea.)</b>
<b>Sentence Length and Knowledge</b>	Student's answer is less than 20 words in length and demonstrates poor knowledge of the work ethic topic addressed in the scenario.	Student's answer is 20-29 words in length and demonstrates limited knowledge of the work ethic topic addressed in each scenario.	Student's answer is 30-39 words in length and demonstrates satisfactory knowledge of the work ethic topic addressed in each scenario.	Student's answer is 40-49 words in length and demonstrates proficient knowledge of the work ethic topic addressed in each scenario.	Student's answer is 50-75 words in length and demonstrates exceptional knowledge of the work ethic topic addressed in each scenario.
<b>Spelling, Grammar, and Sentence Structure</b>	Student has 5 or more errors in spelling, punctuation, and grammar	Student has no more than 4 errors in spelling, punctuation, and grammar.	Student has no more than 3 errors in spelling, punctuation, and grammar.	Student has no more than 2 errors in spelling, punctuation, and grammar.	Student has no more than 1 error in spelling, punctuation, and grammar.

- **If a work ethic topic(s) is not answered, the student will receive 0 points.**
- **A score of at least 70 out of 100 points must be achieved in order to pass the Work Ethics Exam.**

### Read before getting started!

PHP code runs on a web server, so you will be provided a live web domain (server) for this class. MySQL also runs on a server so you will be provided with that information as well. You will be assigned a MySQL database (one already created/you will not be able to create one so just read through section in book on creating a new database). You need ftp software for uploading your work (html, php and css files) to the web server. I recommend Filezilla, which can be downloaded and installed for free. You will also need some software to connect to your MySQL database for creating and editing MySQL database tables. I recommend HeidiSQL. I will be sending each student an email with information about your web domain and MySQL database. If you have questions, please contact instructor.

# CIST 2550 – Web Development II

## LESSON PLAN

FALL Semester 2020 (FY 202112)

Key: Aug = August, Sept = September, Oct=October, Nov=November, Dec= December

Week/Date	Chapter	Content	Assignments & Test Due Dates	Competency Area
Week 1 Aug 17 - 23	1	Class Introduction – Syllabi, Outline, Work Ethics, Rules, and Regulations Coverage  Introduction	<p><b>Logon to the course on BLACKBOARD.</b></p> <p><b>All students:</b> Click the <b>Getting Started</b> link. Complete all tasks located under the <b>Start Here Items. You must complete the <u>Pledge and Student Introduction tasks within the first 3 days of class. Otherwise, you will be dropped from the class!!!</u></b></p> <p>To begin, go to <b>Course Work – Chapter 1</b>. Complete each item in order to maintain attendance for the class. You have assignments to complete that are due at the end of each week.</p> <p>Download and Install Filezilla if needed.</p> <p>Download and Install HeidiSQL if needed.</p> <p>Review your welcome email to get Web/PHP server and MySQL information.</p> <p>Download and unzip Student Work Files.</p> <p>Read <b>Chapter 1</b> pp. 1-10.</p> <p>Do Chapter 1 <b>Exercise</b> pp.7.</p> <p>Save all work for this assignment in your <b>cist2550\ch1</b> folder.</p> <p>You will also have to upload your file to your web/php server to test.</p>	

**\*\*Week 1 assignments must be completed and turned in before midnight Aug 21.**

Date	Chapter	Content	Assignments & Test Due Dates	Competency Area
Week 2 August 24 - 30	<b>2</b>	<b>PHP Fundamentals</b>	Read and work thru <b>Chapter 2</b> pp.11-25. Begin Chapter 2 <b>Exercises</b> pp.25-26. Save your work to the <b>cist2550\ch2</b> folder and upload to web server. Complete Chapter 2 <b>Exercises</b> pp.25-26. Complete <b>Discussion Topic 1</b> On Blackboard.	3,5 a,c

**\*\*Week 2 assignments must be completed and turned in before midnight Aug 28.**

Date	Chapter	Content	Assignments & Test Due Dates	Competency Area
Week 3 August 31 – September 6	<b>3</b>	<b>The PHP Language: Types of Statement</b>	Read and work thru <b>Chapter 3</b> pp.27-51. Begin Chapter 3 <b>Exercises</b> pp.51. Save your work to the <b>cist2550\ch3</b> folder and upload to web server. Complete Chapter 3 <b>Exercises</b> pp.51. Save your work to the <b>cist2550</b> folder and upload to web server.	3,5 a,c

**\*\*Week 3 assignments must be completed and turned in before midnight Sep 4.**

Date	Chapter	Content	Assignments & Test Due Dates	Competency Area
Week 4 September 7 - 13	<b>4</b>	<b>More About Arrays</b>	Read and work thru <b>Chapter 4</b> pp.53-65. Begin Chapter 4 <b>Exercises</b> pp.65. Save your work to the <b>cist2550\ch4</b> folder and upload to web server. Complete <b>Discussion Topic 2</b> On Blackboard.	3,5 a,c

**\*\*Week 4 assignments must be completed and turned in before midnight Sep 11.**

Date	Chapter	Content	Assignments & Test Due Dates	Competency Area
Week 5 September 14 – 20	5	Some Important Functions	<p>Complete Chapter 4 <u>Exercises</u> pp.65.</p> <p>Save your work to the <b>cist2550\ch4</b> folder and upload to web server.</p> <p>Read and work thru <u>Chapter 5</u> pp.67-81.</p> <p>Complete Chapter 5 <u>Exercises</u> pp.81.</p> <p>Save your work to the <b>cist2550\ch5</b> folder and upload to web server.</p> <p>Complete <u>Discussion Topic 3</u> On Blackboard.</p>	3,5 a,c

**\*\*Week 5 assignments must be completed and turned in before midnight Sep 18.**

Date	Chapter	Content	Assignments & Test Due Dates	Competency Area
Week 6 September 21 – 27	6	Formatted Print Functions	<p>Read and work thru <u>Chapter 6</u> pp.83-92.</p> <p>Begin Chapter 6 <u>Exercises</u> pp.92.</p> <p>Save your work to the <b>Cist2550\ch6</b> folder and upload to web server</p> <p>Finish Chapter 6 <u>Exercises</u> pp.92.</p> <p>Save your work to the <b>cist2550\ch6</b> folder and upload to web server</p> <p>Complete <u>Work Ethics Assessment</u> on Blackboard.</p>	1 a,c

**\*\*Week 6 assignments must be completed and turned in before midnight Sep 25.**

Date	Chapter	Content	Assignments & Test Due Dates	Competency Area
Week 7 September 28 - October 4	<b>7</b>	<b>Using Files</b>	Read and work thru <b>Chapter 7</b> pp.93-110. Begin Chapter 7 <b>Exercises</b> pp.111. Save your work to the <b>cist2550\ch7</b> folder and upload to web server. Complete Chapter 7 <b>Exercises</b> pp.111. Save your work to the <b>Cist2550\ch7</b> folder and upload to web server.	3,5 a,c

**\*\*Week 7 assignments must be completed and turned in before midnight Oct 2.**

Date	Chapter	Content	Assignments & Test Due Dates	Competency Area
Week 8 October 5 – 11	<b>8</b>	<b>User-Defined Functions</b>	Read and work thru <b>Chapter 8</b> pp.113-125. Begin Chapter 8 <b>Exercises</b> pp.125. Save your work to the <b>cist2550\ch8</b> folder and upload to web server. Complete Chapter 8 <b>Exercises</b> pp.125. Save your work to the <b>cist2550\ch8</b> folder and upload to web server.  <b>Proctored Midterm Exam</b> <b>Swainsboro, October 7, 2:00 PM</b> <b>Building 2 Room 2106</b>  <b>or</b> <b>Vidalia, October 8, 2:00 PM Gillis</b> <b>Building Room 812</b>	3,5 a,c

**\*\*Week 8 assignments must be completed and turned in before midnight Oct 9.**

Date	Chapter	Content	Assignments & Test Due Dates	Competency Area
Week 9 October 12 – 18	<b>9</b>  <b>10</b>	<b>Passing Variables to a PHP Script I</b>  <b>Passing Variables to a PHP Script II</b>	Read and work thru <b>Chapter 9</b> pp.127-151. Complete Chapter 9 <b>Exercises</b> pp.151. Save your work to the <b>cist2550\ch9</b> folder and upload to web server. Read and work thru <b>Chapter 10</b> pp.153-173. Begin Chapter 10 <b>Exercises</b> pp.173. Save your work to the <b>cist2550\ch10</b> folder and upload to web server.	3,5 a,c

**\*\*Week 9 assignments must be completed and turned in before midnight Oct 16.**

Date	Chapter	Content	Assignments & Test Due Dates	Competency Area
Week 10 October 19 – 25	<b>11</b>	<b>PHP in Action: Managing a Members' Area</b>	Read and work thru <b>Chapter 11</b> pp.175-195. Begin Chapter 11 <b>Exercises</b> pp.195. Save your work to the <b>cist2550\ch11</b> folder and upload to web server. Complete Chapter 11 <b>Exercises</b> pp.195. Save your work to the <b>cist2550\ch11</b> folder and upload to web server. Complete <b>QUIZ 3</b> on Blackboard. Complete <b>Discussion Topic 4</b> On Blackboard.	3,5 a,c

**\*\*Week 10 assignments must be completed and turned in before midnight Oct 30.**

Date	Chapter	Content	Assignments & Test Due Dates	Competency Area
Week 11 October 26 – November 1	<b>12</b> <b>13</b>	<b>Using a MySQL Database I</b> <b>Using a MySQL Database II</b>	Read and work thru <b>Chapter 12</b> pp.197-215. Complete Chapter 12 <b>Exercises</b> pp.215-216. Save your work to the <b>cist2550\ch12</b> folder and upload to database. Read and work thru <b>Chapter 13</b> pp.217-241. Complete Chapter 13 <b>Exercises</b> pp.241. Save your work to the <b>cist2550\ch13</b> folder and upload to web server.	1,2 a,c

**\*\*Week 11 assignments must be completed and turned in before midnight Oct 30.**

Date	Chapter	Content	Assignments & Test Due Dates	Competency Area
Week 12 November 2 - 8	<b>14</b>	<b>Creating and Updating MySQL Tables</b>	Read and work thru <b>Chapter 14</b> pp.243-253. Begin Chapter 14 <b>Exercises</b> pp.253. Save your work to the <b>cist2550\ch14</b> folder and upload to web server. Complete <b>QUIZ 4</b> on Blackboard. Complete <b>Discussion Topic 5</b> On Blackboard.	1,2 a,c

**\*\*Week 12 assignments must be completed and turned in before midnight Nov 6.**

Date	Chapter	Content	Assignments & Test Due Dates	Competency Area
Week 13 November 9 - 15	<b>15</b>	<b>Using a PHP Script to Manage a MySQL Database</b>	<p>Read and work thru <b>Chapter 15</b> pp.255-281.</p> <p>Begin Chapter 15 <b>Exercises</b> pp.282.</p> <p>Save your work to the <b>cist2550\ch15</b> folder and upload to web server.</p> <p>Complete Chapter 15 <b>Exercises</b> pp.282.</p> <p>Save your work to the <b>cist2550\ch15</b> folder and upload to web server.</p>	1,2,4 a,c

**\*\*Week 13 assignments must be completed and turned in before midnight Nov 13.**

Date	Chapter	Content	Assignments & Test Due Dates	Competency Area
Week 14 November 16 - 22	<b>16</b>	<b>PHP in Action: Converting Data between Text Files and Database Tables</b>	<p>Read and work thru <b>Chapter 16</b> pp.283-299.</p> <p>Begin Chapter 16 <b>Exercises</b> pp.299.</p> <p>Save your work to the <b>cist2550\ch16</b> folder and upload to web server.</p> <p>Complete Chapter 16 <b>Exercises</b> pp.299.</p> <p>Save your work to the <b>cist2550\ch16</b> folder and upload to web server.</p>	1,2,3,4,5 a,c

**\*\*Week 14 assignments must be completed and turned in before midnight Nov 27.**

Date	Chapter	Content	Assignments & Test Due Dates	Competency Area
Week 15 November 23 – 29	<b>17</b>	<b>Using PHP to View and Edit Database Tables</b>	<p>Read and work thru <b>Chapter 17</b> pp.301-320.</p> <p>Begin Chapter 17 <b>Exercises</b> pp.320.</p> <p>Save your work to the <b>cist2550\ch17</b> folder and upload to web server.</p> <p>Complete Chapter 17 <b>Exercises</b> pp.320.</p> <p>Save your work to the <b>cist2550\ch17</b> folder and upload</p>	1,2,3,4,5 a,c

Date	Chapter	Content	Assignments & Test Due Dates	Competency Area
			to web server.	

**\*\*Week 15 assignments must be completed and turned in before midnight Dec 4.**

Date	Chapter	Content	Assignments & Test Due Dates	Competency Area
Week 16 November 30 – December 6	<b>18</b>	<b>PHP in Action: Maintaining a Membership List (Final Project)</b>	Read and work thru <b>Chapter 18</b> pp.321-344. Begin Chapter 18 <b>Exercises</b> pp.344. Save your work to the <b>cist2550\ch18</b> folder and upload to web server.	1,2,3,4,5 a,c

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

Date	Chapter	Content	Assignments & Test Due Dates	Competency Area
Week 17 December 7 - 8	<b>18</b>	<b>PHP in Action: Maintaining a Membership List (Final Project)</b>	Complete Chapter 18 <b>Exercises</b> pp.344. Save your work to the <b>cist2550\ch18</b> folder and upload to web server. Take <b>Final Exam</b> on Blackboard. <b>Submit Chapter 18 work (chapter and exercise) for Final Project.</b> All work must be submitted by December 8 <sup>th</sup> midnight!!!!	1,2,3,4,5 a,c

**\*\*Week 17 assignments must be completed and turned in before midnight Dec 4.**

#### COMPETENCY AREAS:

1. Construct a Database
2. Implement a Relational Database via ODBC
3. Develop Forms and Applications to interact with File Systems, Email, and Database Servers
4. Modify Data in a Database
5. Design Controls and Validation

#### 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.