

## CIST 2550 – Web Development II

### 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.



## **CIST 2550 – Web Development II**

### **COURSE SYLLABUS**

**Spring Semester 2019 (FY201914)**

**January 7, 2019 – May 2, 2019**

#### **COURSE INFORMATION**

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

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

Class Meets: **Monday and Wednesday, 8:15 AM -10:05 AM**

CRN: **40365**

Preferred Method of Contact: **STC Email**

#### **INSTRUCTOR CONTACT INFORMATION**

Instructor Name: **John Taylor**

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

Campus/Office Location: **Vidalia Campus, Room 810 Gillis Building**

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

Phone: **(912) 538-3116**

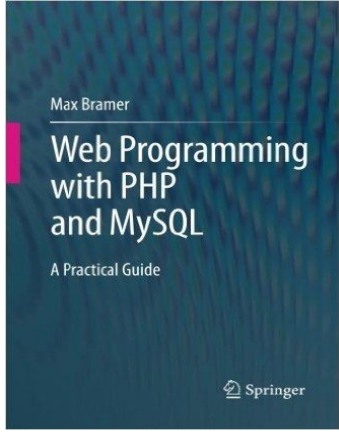
Fax Number: **(912) 538-3106**

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>©2015 • Springer International Publishing • Paper, 388 pp</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.

**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

Construct a Database, Implement a Relational Database via ODBC; Develop Forms and Applications to Interact with File Systems Email and Database Servers; Modify Data in a Database, and 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

- **Students are expected to come prepared for each class meeting, focused and ready to learn.** This means that it is necessary to read the chapters and work outside of class in order to succeed in this course. A detailed lesson schedule has been provided at the end of this syllabus.
- **Students MUST wear their STC id; one free lanyard is provided in the student affairs division. Students may NOT enter the classroom without their student id visible.** This is strictly enforced.

- Students should complete all work shown on the attached tentative lesson schedule by the scheduled deadlines, unless otherwise notified of a change in deadline.
- Homework will be collected for a grade. **Homework assignments will not be graded after the due date; a zero will be assigned if homework is not submitted on or before the due date.**
- There may be graded in class activities planned in which you will not be able to participate if you are not prepared for that day's class.
- **Unannounced quizzes or in-class assignments are subject to be given every day. A grade of zero will be assigned for any quizzes or in class assignments missed. There will be no makeup of quizzes or in class assignments; a grade of zero will be assigned.**
- Please make every effort to be in class every day. However, if you are SICK and CONTAGIOUS, please do not come to class.
- Students are expected to complete all tests, labs, and other assignments on the dates specified on the attached lesson schedule.
- Instructor reserves the right to modify the tentative lesson schedule attached to this syllabus with notice.
- Students should subscribe to remind.com for reminder from the instructor via email or text. Instructions will be provided to students.
- Students are responsible for policies and procedures included in the STC Catalog and must acknowledge this by completing the PLEDGE Discussion Topic on Blackboard the first day of class.

### **TRADITIONAL 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" (Failing 0-59) 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.

### **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:mgay@southeasterntech.edu), 478-289-2274, Building 1, Room 1208

**Vidalia Campus:** Helen Thomas [hthomas@southeasterntech.edu](mailto:hthomas@southeasterntech.edu), 912-538-3126, Building A, Room 108

## **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:mgay@southeasterntech.edu), 478-289-2274, Building 1, Room 1208

**Vidalia Campus:** Helen Thomas [hthomas@southeasterntech.edu](mailto:hthomas@southeasterntech.edu), 912-538-3126, Building A, Room 108

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.

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

## **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...)**

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 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:

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

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

<b>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:hthomas@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:ljonas@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	25%
Work Ethics Assessment	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**

## Syllabus Addendum-

Please note the following classroom courtesies, which are designed to maximize the classroom experience for you and your classmates.

- Class begins promptly at the start time shown on your schedule.
  - Please make arrangements to be here on time.
  - Attendance is taken daily at the beginning of class.
  - The classroom door is locked as a safety precaution; therefore arriving late will be disruptive and inconsiderate to your instructor and your fellow classmates. Expect to wait if you arrive late and a lecture is in progress.
  - Failure to be present and accounted for at the beginning of class may result in missing an unannounced quiz, for which there are **NO MAKEUPS**.
- In an attempt to simulate a work environment, please notify your instructor if you are absent by emailing or leaving a voice message. To avoid telephone tag, please do not leave a message for your instructor to call you back. Leave a message with the information regarding your absence. You would call in to your workplace if you were going to be absent from your job; class is preparation for the workplace. See instructor contact information on the syllabus.
- **The classroom is a learning environment; enter the classroom quietly EVERY DAY. Conversations should take place in the student center or outside. You will be asked to leave if you disrupt the class; this includes sleeping.**
- **EVERY DAY**--Please turn your cell phone on silent when in the classroom. In emergencies, please go outside the building to make or receive a call. If your phone interrupts class by ringing or vibrating, you will be asked to leave class.
- Also, no texting is allowed during class; you will be asked to leave class. Texting during an exam, in particular, may result in an academic dishonesty policy violation being noted in your records.
- **No food or drinks are allowed in the classroom.** Bottled drinks may be kept in your book bag or on the floor. They should never be open or consumed in the classroom. Do **not** bring an open can or cup into the classroom. If you have a medical condition that requires a snack or drink, you should contact [Helen Thomas \(hthomas@southeasterntech.edu\)](mailto:hthomas@southeasterntech.edu), 912-538-3126, to coordinate reasonable accommodations.
- Please dress appropriately for class. You may be asked to leave if dressed inappropriately, and you will be counted absent. **Regardless of current fashion trends or the time you awoke for class, no hats, caps, scarves, etc. covering the head are allowed in the classroom. This refers to both ladies and gentlemen.**



## 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.**

# CIST 2550 – Web Development II

## LESSON PLAN

### Spring Semester 2019 (FY 201914)

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.

### WEEK 1

Date	Chapter	Content	Assignments & Test Due Dates	Competency Area
January 7 - 13	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</b>.</p> <p><b>You must complete the Pledge and Student Introduction tasks within the first 3 days of class. Otherwise, you will be dropped from the class!!!</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>Create a folder “<b>cist2550</b>” on P: drive</p> <p>Read <b>Chapter 1</b> pp. 1-10.</p> <p>Do Chapter 1 <b>Exercise</b> pp.7.</p>	

Date	Chapter	Content	Assignments & Test Due Dates	Competency Area
			Save all work for this assignment in your <b>P:\cist2550\ch1</b> folder. You will also have to upload your file to your web/php server to test.	
	<b>2</b>	<b>PHP Fundamentals</b>	Read and work thru <b>Chapter 2</b> pp.11-25. Do Chapter 2 <b>Exercises</b> pp.25-26. Save your work to the <b>P:\cist2550\ch2</b> folder and upload to web server.	3,5 a,c

**\*\*Week 1 assignments must be completed and turned in before midnight January 16.**

## WEEK 2

Date	Chapter	Content	Assignments & Test Due Dates	Competency Area
January 14 - 20	<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>P:\cist2550\ch3</b> folder and upload to web server.	3,5 a,c
			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 2 assignments must be completed and turned in before midnight January 23.**

## WEEK 3

Date	Chapter	Content	Assignments & Test Due Dates	Competency Area
January 21 - 27	<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>P:\cist2550\ch4</b> folder and upload to web server.	3,5 a,c
			Complete Chapter 4 <b>Exercises</b> pp.65. Save your work to the <b>P:\cist2550\ch4</b> folder and upload to web server.	3,5 a,c

**\*\*Week 3 assignments must be completed and turned in before midnight January 30.**

## WEEK 4

Date	Chapter	Content	Assignments & Test Due Dates	Competency Area
January 28 – February 3				
	5	<b>Some Important Functions</b>	Read and work thru <b>Chapter 5</b> pp.67-81. Complete Chapter 5 <b>Exercises</b> pp.81. Save your work to the <b>P:\cist2550\ch5</b> folder and upload to web server.	3,5 a,c

**\*\*Week 4 assignments must be completed and turned in before midnight February 6.**

## WEEK 5

Date	Chapter	Content	Assignments & Test Due Dates	Competency Area
February 4 - 10	6	<b>Formatted Print Functions</b>	Read and work thru <b>Chapter 6</b> pp.83-92. Begin Chapter 6 <b>Exercises</b> pp.92. Save your work to the <b>P:\cist2550\ch6</b> folder and upload to web server	1 a,c
			Finish Chapter 6 <b>Exercises</b> pp.92. Save your work to the <b>P:\cist2550\ch6</b> folder and upload to web server Complete <b>Work Ethics Assessment</b> on Blackboard.	1 a,c

**\*\*Week 5 assignments must be completed and turned in before midnight February 13.**

## WEEK 6

Date	Chapter	Content	Assignments & Test Due Dates	Competency Area
February 11 - 17	7	<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>P:\cist2550\ch7</b> folder and upload to web server.	3,5 a,c
			Complete Chapter 7 <b>Exercises</b> pp.111. Save your work to the	3,5 a,c

Date	Chapter	Content	Assignments & Test Due Dates	Competency Area
			P:\cist2550\ch7 folder and upload to web server.	

**\*\*Week 6 assignments must be completed and turned in before midnight February 20.**

### WEEK 7

Date	Chapter	Content	Assignments & Test Due Dates	Competency Area
February 18 - 24	8	User-Defined Functions	Read and work thru <b>Chapter 8</b> pp.113-125. Begin Chapter 8 <b>Exercises</b> pp.125. Save your work to the P:\cist2550\ch8 folder and upload to web server.	3,5 a,c
			Complete Chapter 8 <b>Exercises</b> pp.125. Save your work to the P:\cist2550\ch8 folder and upload to web server. Take <b>Midterm Exam</b> on Blackboard.	3,5 a,c

**\*\*Week 7 assignments must be completed and turned in before midnight February 27.**

### WEEK 8

Date	Chapter	Content	Assignments & Test Due Dates	Competency Area
February 25 – March 3	9	Passing Variables to a PHP Script I	Read and work thru <b>Chapter 9</b> pp.127-151. Complete Chapter 9 <b>Exercises</b> pp.151. Save your work to the P:\cist2550\ch9 folder and upload to web server.	3,5 a,c
	10	Passing Variables to a PHP Script II	Read and work thru <b>Chapter 10</b> pp.153-173. Begin Chapter 10 <b>Exercises</b> pp.173. Save your work to the P:\cist2550\ch10 folder and upload to web server.	3,5 a,c

**\*\*Week 8 assignments must be completed and turned in before midnight March 6.**

## WEEK 9

Date	Chapter	Content	Assignments & Test Due Dates	Competency Area
March 4 - 10	11	PHP in Action: Managing a Members' Area	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>P:\cist2550\ch11</b> folder and upload to web server.	3,5 a,c
			Complete Chapter 11 <b>Exercises</b> pp.195. Save your work to the <b>P:\cist2550\ch11</b> folder and upload to web server. Complete <b>QUIZ 3</b> on Blackboard.	3,5 a,c

**\*\*Week 9 assignments must be completed and turned in before midnight March 13.**

## WEEK 10

Date	Chapter	Content	Assignments & Test Due Dates	Competency Area
March 11 - 17	12	Using a MySQL Database I	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>P:\cist2550\ch12</b> folder and upload to database.	1,2 a,c
	13	Using a MySQL Database II	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>P:\cist2550\ch13</b> folder and upload to web server.	1,2 a,c

**\*\*Week 10 assignments must be completed and turned in before midnight March 20.**

## WEEK 11

Date	Chapter	Content	Assignments & Test Due Dates	Competency Area
March 18 - 24	14	Creating and Updating MySQL Tables	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>P:\cist2550\ch14</b> folder and upload	1,2 a,c

Date	Chapter	Content	Assignments & Test Due Dates	Competency Area
			to web server.	
			Complete <b>QUIZ 4</b> on Blackboard.	1,2 a,c

**\*\*Week 11 assignments must be completed and turned in before midnight March 27.**

### WEEK 12

Date	Chapter	Content	Assignments & Test Due Dates	Competency Area
March 25 - 31	15	Using a PHP Script to Manage a MySQL Database	Read and work thru <b>Chapter 15</b> pp.255-281. Begin Chapter 15 <b>Exercises</b> pp.282. Save your work to the <b>P:\cist2550\ch15</b> folder and upload to web server.	1,2,4 a,c
			Complete Chapter 15 <b>Exercises</b> pp.282. Save your work to the <b>P:\cist2550\ch15</b> folder and upload to web server.	1,2,4 a,c

**\*\*Week 12 assignments must be completed and turned in before midnight April 10.**

### WEEK 13

Date	Chapter	Content	Assignments & Test Due Dates	Competency Area
April 8 - 14	16	PHP in Action: Converting Data between Text Files and Database Tables	Read and work thru <b>Chapter 16</b> pp.283-299. Begin Chapter 16 <b>Exercises</b> pp.299. Save your work to the <b>P:\cist2550\ch16</b> folder and upload to web server.	1,2,3,4,5 a,c
			Complete Chapter 16 <b>Exercises</b> pp.299. Save your work to the <b>P:\cist2550\ch16</b> folder and upload to web server.	1,2,3,4,5 a,c

**\*\*Week 13 assignments must be completed and turned in before midnight April 17.**

## WEEK 14

Date	Chapter	Content	Assignments & Test Due Dates	Competency Area
April 15 - 21	17	Using PHP to View and Edit Database Tables	Read and work thru <b>Chapter 17</b> pp.301-320. Begin Chapter 17 <b>Exercises</b> pp.320. Save your work to the <b>P:\cist2550\ch17</b> folder and upload to web server.	1,2,3,4,5 a,c
			Complete Chapter 17 <b>Exercises</b> pp.320. Save your work to the <b>P:\cist2550\ch17</b> folder and upload to web server.	1,2,3,4,5 a,c

**\*\*Week 14 assignments must be completed and turned in before midnight April 24.**

## WEEK 15

Date	Chapter	Content	Assignments & Test Due Dates	Competency Area
April 22 - 28	18	PHP in Action: Maintaining a Membership List (Final Project)	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>P:\cist2550\ch18</b> folder and upload to web server.	1,2,3,4,5 a,c

**\*\*Week 15 assignments must be completed and turned in before midnight May 2.**

## WEEK 16

Date	Chapter	Content	Assignments & Test Due Dates	Competency Area
April 29 – May 2	18	PHP in Action: Maintaining a Membership List (Final Project)	Complete Chapter 18 <b>Exercises</b> pp.344. Save your work to the <b>P:\cist2550\ch18</b> folder and upload to web server. Take <b>Final Exam</b> on Blackboard.	1,2,3,4,5 a,c
			<b>Submit Chapter 18 work (chapter and exercise) for Final Project.</b> All work must be submitted today!!!!	1,2,3,4,5 a,c

**\*\*Week 16 assignments must be completed and turned in before midnight May 2.**

### 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.