# MIS3501 – Exam 2 – Study Guide

## The format of the exam

The exam will be a series of programming challenges that you will be asked to complete. You will have the entire class in which to complete the exam.

The exam will require you to complete an application that is already begun for you. The challenges are meant to assess your comprehension of topics we have learned up to this point in time. Here’s a list of topics we have covered so far:

1. HTML forms and how they can interact with PHP code (using filter\_input, isset)
2. Making a PDO connection
3. Writing SQL statements. This includes: SELECT, INSERT, UPDATE, DELETE, joining two or more tables together in a SELECT statement, and using WHERE, and ORDER BY appropriately.
4. Using PDO statements to prepare and execute SQL statements.
5. Using fetch() and/or fetchall() to get an array of data out of a statement object.
6. Using a foreach loop (or a while loop) to iterate through an array.
7. How to use include and exit.

You are to complete your work on one of the desktops provided in the classroom and then upload it to the class server. This includes exporting / importing the database tables for your application. ***Assistance with this process will not be given during the exam***.

Be sure to put your work into your wwwroot folder, and make sure that you can access your work by calling it up in a browser. Be sure that you can determine the URL where your work can be accessed.

Only your work uploaded to the class server will count towards your exam grade. Similarly, I expect you name the files as directed in the exam instructions. Students will not receive credit for missing / misplaced / misnamed work.

Transferring your exam work to another student, either deliberately or through negligence, will be considered cheating and will result in a grade of zero for the exam, and other disciplinary action.

## Continued….

## Grading

Here are some things I WILL be looking for when evaluating code.

1. Does the code run without error or warning?
2. Does the code work in the fashion described by the problem?

The exam is broken down into series of steps. The point value of each step is indicated on the exam**. Each step is evaluated on a “works / doesn’t work”, all-or-nothing basis.**

Failure to upload and deploy your work successfully will result in a score of 0 on the exam. Be sure to budget time for this on the day of the exam.

## How to study

* Chapter 4 of your textbook.
* I recommend that you review challenge 4.1, 4.2 and the suggestion box exercises.
* I also recommend the exam prep activities.
* You *do not* need to study material related to user-defined functions for this exam.
* Come to the review session class on prepared to ask questions. There’s no lecture that day … so the time is there for you to ask questions that will benefit both you and the rest of the class.