

# M&IS 24065 Web Programming Summer 2015

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Sometimes being successful with problem solving requires going back to basics and looking for simplicity.

Often simple solutions are elegant.

What is easy may be fun but not necessarily worthwhile. Learning means scaling new heights. The view from the top can be exhilarating.

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## Objectives

### Learn to become a web programmer.

Specifically, you will learn to:

- Create database driven interactive websites.
- Read and follow functional specifications with precision.
- Create web pages and web sites.
- Write computer programs.
- Create and use databases.

You will:

- Develop confidence as you master significant skills.
- Look forward to your next Information Systems course.

Technologies you will learn:

- How to build a user interface.
- How to develop a database driven interactive website.
- How to think about and design programming logic.
- The basics of programming and relational database.
- These technologies:
  - HTML
  - CSS
  - JavaScript
  - PHP
  - MySQL

To do well in this course you must pace yourself. Programming cannot be learned by cramming on the due date. If you are diligent you may be amazed at what you can accomplish. If you need help ask questions.

## **Skills You Should Have Before Class Begins**

Unzip and create zip files  
Work with folders and files - paths -- copy, cut, paste operations  
Be able to read directions  
Know how to manage your time  
Know how to check your work

## **What You Must Be Willing to Do**

Take the course seriously and put in the time truly necessary to read the e-book, practice what you learn, complete assignments.

## **Course Level**

This is a first programming course. The orientation of programming in this course is toward building interactive websites.

You are assumed to have no knowledge of any of the technologies listed above.

If you pay attention, put in the necessary time and ask questions you will learn to become a web programmer.

if you wait for due dates to work on assignments this will not be a good experience for you.

## **Topic Sequence**

1. HTML & CSS
2. Become a Programmer
3. JavaScript :Programming in the Browser
4. PHP: Action on the Server
5. MySQL: Database Management on the Server

## **How The Course Works**

This is an online guided self-study course.

Since there are no class meetings you learn by reading and completing assignments. Ask questions by email at any time. There is also a course DISCUSSION BOARD, open to everyone, and you are highly encouraged to use it.

Use the DISCUSSION BOARD. Ask questions and discuss solution strategies. Do not share code.

## Assignments

Assignments are in sets, one set per topic listed above. Each set is due on a Friday at midnight. Set 1, HTML & CSS, is due on Friday of the 1st week. Become a Programmer on Friday of week 2, and so on.

You cannot become a programmer unless you take the time to make steady progress. If you rush at the end of a unit you course.

## Final Project

A final project stands as the final exam. The project requires use of all technologies from the five units. The project is due the last day of class.

## Textbook

The textbook is on the course website and is provided by the instructor. Everything you need to learn about web programming and to complete course assignments is provided. You are welcome to consult the web or other sources at any time. The best other source is to ask questions.

## Other Books

There are thousands in print and online. Use any resource that makes sense to you and helps you.

## Course Website

The course website requires an access code that the instructor will provide you. Use the website to:

- Access the e-book.
- Learn about assignment requirements and due dates.
- Learn your current status and grade computation.
- Submit your work.
- Access all course material.

**WARNING**

You will be using an online system development tool called DESIGNER. All code entered for your assignments must be your own or code DESIGNER provides. Under no circumstances are you permitted to include or link to external code unless the link is provided to you by DESIGNER. Doing so is a violation of course rules and grounds for dismissal from the course.

## Grading Scale

Minimum	Letter Grade
90	A
80	B
70	C
60	D
0	F

## About Your Grade

- Your grade is the weighted average of all assignment grades. See course website for assignment weights.
- Assignments may be submitted as often as you like until the due date.
- No work is accepted late without a KSU accepted reason with proper documentation. No exceptions.
- Full letter grades are used; no + / -. Grades are not rounded or curved.

## Notice About Help

I am happy to help. The best way to get help is to email me questions. Use address above.

As an online course I have no office hours.

I am very available by email and in the class DISCUSSION BOARD.

I am not available by email on Friday evenings.

## Lateness

The following are the Kent State accepted excuses for late submission of assignments. No other excuses are accepted.

1. sickness with medical note
2. athletic event - with coach's note
3. religious observation
4. military responsibility with documentation
5. death in family with documentation

## **Collaboration vs. Plagiarism**

You are encouraged to discuss course material and assignments with other students. You will learn a lot more if you talk with other students. There is no better way to learn than to share what you know and ask questions of others. That is collaboration.

You may not submit the same work as another student. That is plagiarism. There are university rules about plagiarism (see next paragraph) which is not something you want to be involved with. If you copy another student's work and present it as yours (by pasting or re-typing) that is plagiarism. If you and another student share and submit the same assignment solution that is plagiarism. If you are interested in learning this will not be an issue to you anyway. If you just want to get through the course maybe you should try a different course. If the work you submit is not yours alone your grade will be a zero for that assignment or at the discretion of the instructor you may fail the course.

**--- Official KSU/College of Business Information Follows ---**

## **Cheating and Plagiarism**

Collaboration is fine but plagiarism is not. Here is the KSU statement about plagiarism:

"Academic honesty: Cheating means to misrepresent the source, nature, or other conditions of your academic work (e.g., tests, papers, projects, assignments) so as to get undeserved credit. In addition, it is considered to be cheating when one cooperates with someone else in any such misrepresentation. The use of the intellectual property of others without giving them appropriate credit is a serious academic offense. It is the University's policy that cheating or plagiarism result in receiving a failing grade for the work or course. Repeat offenses result in dismissal from the University."

## **Disabled Students**

University policy 3342-3-01.3 requires that students with disabilities be provided reasonable accommodations to ensure their equal access to course content. If you have a documented disability and require accommodations, please contact the instructor at the beginning of the semester to make arrangements for necessary classroom adjustments. Please note, you must first verify your eligibility for these through Student Accessibility Services (contact 330-672-3391 or visit [www.kent.edu/sas](http://www.kent.edu/sas) for more information on registration procedures).

## **Official Registration**

Students have responsibility to ensure they are properly enrolled in classes. You are advised to review your official class schedule (using Student Tools on FlashLine) during the first two weeks of the semester to ensure you are properly enrolled in this class and section. Should you find an error in your class schedule it is your responsibility to correct the error. If registration errors are not corrected and you continue to attend and participate in classes for which you are not officially enrolled, you are advised now that

you will not receive a grade at the conclusion of the semester for any class in which you are not properly registered.