

# Web Data Management

## Syllabus

### *About your instructor*

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### *Office*

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### *About this class*

<i>Beginning Date</i>	1/16/2012
<i>Number of Weeks</i>	17

### *Course Description*

Using various tools the student will create and demonstrate data connectivity to the web. Tools may include elements of the following languages: HTML, Javascript, and PHP. The students will retrieve data for display to the web browser and capture data for storage from a web-based form

## ***Before you begin this course***

Passing grade of 'C-' or better in Web-Programming (152-150).

### ***Textbooks***

Joel Murach & Ray Harris. *PHP and MySQL*. Edition: 1st. Publisher: Murach. Year: 2010. ISBN: 978-1-890774-56-1. Pages: 800. Price: 60.00. Required

### ***Core abilities this course will help you build***

Act with integrity

Communicate effectively

Demonstrate effective critical and creative thinking

Demonstrate global and social awareness

### ***Competencies this course will help you master***

#### ***I. ---Intro to PHP & MySQL***

1. Use a MySQL database
2. Develop database applications with PHP

#### ***II. ---Beginning PHP***

1. Code PHP control statements
2. Use PHP to work with different data types (strings, numbers and dates)

#### ***III. ---Advanced PHP***

1. Use PHP to create and use arrays
2. Use PHP to create functions and objects
3. Used PHP to work with regular expressions and handle exceptions

## *How your performance will be graded*

### *Grading details*

Check offs: 25%

Assignments: 15%

Tests: 40%

Team Project: 15%

Peer Evals: 5%

### *Grading scale*

A 96% - 100%

A- 92% - 95%

B+ 88% - 91%

B 84% - 87%

B- 80% - 83%

C+ 77% - 79%

C 75% - 76%

C- 73% - 74%

D+ 72%

D 71%

D- 70%

F Below 70%

## ***How to succeed in this course***

### ***How To Get The Most Out Of This Learning Experience***

Take charge of your own learning. Raise questions, probe, explore, go after what you need.

Be open. Use your imagination, consider new possibilities, and create something new for yourself.

Give as well as receive. Give liberally to co-learners and be prepared to receive a great deal from them.

Have fun. Plan to thoroughly enjoy this opportunity to learn and to grow in your professional competence and satisfaction.

### ***Attendance Policy***

Students must attend class regularly and actively participate in all class activities.

Attendance will be taken. An absence is defined as being absent, tardy, or doing non-class work during class. If you are not in class, you will miss important information, thereby affecting your grade. Class lectures will not be repeated and it is your responsibility to make up any missed work. You should contact your "absence buddy" for notes on the day's lesson. If you have unexcused absences that equal a week's worth of class, I will refer you to Student Services. If you have two weeks of unexcused absences, you may be dropped from class.

### ***Referrals***

Referrals to MSTC's Student Services may be made for inappropriate classroom conduct (including cheating), lack of academic progress or excessive absences. Disciplinary action, including being dropped from the course, will be taken for conduct issues.

### ***NQA2***

You will be expected to complete all assignments, programs and tests on the scheduled

dates. However, two "No Questions Asked" (NQA) coupons will be handed out.

If you are handing in a late assignment, late program or taking an exam late, you must staple a coupon to it. The assignment/program/test will then be graded as if it were handed in on time. One coupon must be attached to the assignment/program/exam for each class (not calendar) day that it is late.

NQA's can be used for missed quizzes.

If lost, the NQA's will not be replaced. You will receive bonus points if you return your NQA's at the end of the semester. You have opportunities throughout the semester to earn two more NQA's

### ***Check offs***

Check offs will be due the class meeting assigned. Check offs will be graded on pass/fail basis. If you do not meet the criteria of the check off, the check off can be reworked.

### ***Assignments***

Assignments will be due the class meeting specified. Any assignment is late if it is not turned in at the beginning of class on the assignment due date. Late assignments turned in the same day they are due will result in a 10% reduction in points. Any other late assignments (turned in after the due date) will only be worth a maximum of 75%. Any assignment which is more than 1 week late will be worth 0%.

### ***Tests***

There will be several tests given throughout the semester. Exams must be taken on the day they are scheduled. If you know you will miss an exam, let me know so we can make arrangements. A day late exam will be assigned a 50% as a grade. Two days late the exam will be assigned a 25% as the grade. Three days late, the exam will be assigned a 0% as the grade.

If you fail to maintain a 70% average on you tests, you will receive a 0% for the test

component of your grade.

Early or late exams may or may not be the same exam that the class takes on the test day.

Anyone caught cheating on exams will receive an 'F' or the class and be dropped from the class.

### ***Project***

You will be assigned to a team. Your team will be assigned to a project. It will be yours and your team's responsibility to finish that project. Failure to do so will result in an "F" in this course for you and your team.

### ***Peer Evaluation***

The prospect of working in teams carries with it the possibility that not all team members will pull their fair share of the load. For this reason, there will be peer evaluations throughout the course of the project.

### ***ADA Statement***

If you know you have a recognized disability, or suspect that you might have one, it is your responsibility to identify yourself as soon as possible to the Disability Services staff in Student Services. Course standards will not be lowered but various kinds of accommodations are available to you. Adequate and reasonable time will be required to develop and provide appropriate accommodations so contact Disability Services as soon as possible. It is MSTC's goal to assist you in your individual educational plan.