CSCI 366 (Database & Web Development)  
Spring 2017  
Dr. Stephanie Schwartz  
Course Syllabus

Meeting Times and Location:
Section 1: MF 11-11:50PM Roddy Hall Rm 136
    T  10-11:50PM Roddy Hall Rm 136/Windows Lab
Section 2: MF 2-2:50PM Roddy Hall Rm 136
    T  1:10-3PM Roddy Hall Rm 136/Windows Lab

Office Hours: My office hours are Mondays and Fridays from 1pm-2pm, Wednesdays 10am-noon and 2pm-3pm. During office hours I can be found either in the lab or in my office (Rm 133, Roddy Hall).

How to reach me: The best way to reach me outside of office hours is by email (stephanie.schwartz@millersville.edu). If you don't have access to email, my office phone number is 871-4308. I try to check this as frequently as possible, but I don't check it as often as I do my email!

Prerequisite: CSCI 362 or Permission of Instructor


Goals: There are several goals for this course. At the end of this course, the successful student will be able to:

• Compose queries to extract data from a relational database
• Design a data model using techniques such as entity/relationship modeling and normalization
• Construct a database according to a data model
• Demonstrate a basic knowledge of the architecture and protocols of the Internet and the World Wide Web
• Demonstrate an in-depth knowledge of the Model View Controller design paradigm
• Analyze web development frameworks with respect to the Model View Controller paradigm
• Use markup languages, style sheet languages, and scripting languages to implement a basic database-driven web application.

These goals will be accomplished through the content of the lectures and textbook, as well as hands-on experience. This hands-on experience includes writing programs (both in the lab and in project assignments). The achievement of the goals will be measured through your performance on approximately 10 lab assignments and two exams (midterm and final).

Grading:
Midterm: 25%
Final: 25%
Labs and assignments: 50%

Not attending labs may result in overall grade reduction (see attendance)

Grading will be on a 100 point scale, with 93%=A, 90%= A-, 87%=B+, 83%= B, etc. You must complete all exams, labs, and assignments in order to pass the course.

Attendance
You are expected to attend class and lab, read the textbook, complete assigned problems, participate in class discussions, and work productively during problem sessions and labs.
Lab attendance is REQUIRED. Not attending a lab or leaving before completing all outstanding assignments will result in a grade reduction of 2% per class period missed.

**Classroom Civility**
Arrive at class promptly, prepared and ready to participate. Set your phone to silent mode and, except in cases of emergency, remain in the classroom for the duration of the meeting. If it is necessary to leave or enter a room once class has begun, do so quietly and with as little disruption as possible. Avoid talking which may be disruptive to your fellow students and professor.

**Deadlines**
Assignments are due at the beginning of the class period on the assigned due date, unless otherwise specified. No late assignments will be accepted. If your assignment is incomplete, turn it in for possible partial credit.

**Exams**
There are no make-up exams - if you miss a test, you will receive a zero. Exceptions may be made at my discretion for extraordinary circumstances or university excused absences.

**Special Needs**
Anyone requiring special accommodations should contact me as soon as possible.

**Counseling Resources**
Students sometimes face mental health or drug/alcohol challenges in their academic careers that interfere with their academic performance and goals. Millersville University is a caring community and resources are available to assist students who are dealing with problems. The Counseling Center (717-871-7821) is an important resource for both mental health and substance abuse issues. Additional resources include: Health Services (871-5250), Center for Health Education & Promotion (871-4141), Campus Ministries, and Learning Services (717-871-5554).

**Course Web Site:** Lots of information about the course and helpful resources can be found at the course web site: http://cs.millersville.edu/~sschwartz/courses/csci-366/

**Title IX Reporting Obligations**
Millersville University and its faculty are committed to assuring a safe and productive educational environment for all students. In order to meet this commitment, comply with Title IX of the Education Amendments of 1972, 20 U.S.C. §1681, et seq., and act in accordance with guidance from the Office for Civil Rights, the University requires faculty members to report to the University’s Title IX Coordinator incidents of sexual violence shared by students. The only exceptions to the faculty member's reporting obligation are when incidents of sexual violence are communicated by a student during a classroom discussion, in a writing assignment for a class, or as part of a University-approved research project. Faculty members are obligated to report to the person designated in the University Protection of Minors policy incidents of sexual violence or any other abuse of a student who was, or is, a child (a person under 18 years of age) when the abuse allegedly occurred.

Information regarding the reporting of sexual violence, and the resources that are available to victims of sexual violence, is available at http://www.millersville.edu/socialeq/title-ix-sexual-misconduct/index.php.