

CIS 222

Web Database Development with PHP

HFCC

Agenda:

✓ About the Course

✓ Course Materials

✓ Syllabus

- [http://cis.hfcc.edu/~jklance/cis122/CIS122%20-%20Syllabus%20\(Winter%202012\).pdf](http://cis.hfcc.edu/~jklance/cis122/CIS122%20-%20Syllabus%20(Winter%202012).pdf)

✓ “Entitlement” Article

- <http://cis.hfcc.edu/~jklance/cis122/CIS122%20-%20Misplaced%20Entitlement.pdf>

About the Course

➤ Web Database Development with PHP

- CIS222
- Mondays and Wednesdays, 6:45pm-8:35pm
 - Not 6:48 or 6:50...6:45
 - To be early is to be on time.
 - To be on time is to be late.
 - To be late is unacceptable.
- Classroom: T-183
- Dates:
 - 10 January – 30 April
 - Final Exam on 4 May (I know...Friday...bleh)

Course Coverage

➤ Things we will cover:

- Good programming practice
- PHP
- Relational databases
- MySQL
- Interacting with MySQL via PHP

➤ Things we will not cover:

- HTML
- CSS
- Basic internet technologies

Course Materials

➤ Textbook

- PHP Programming with MySQL, 2nd ed
 - by Gosselin, Kokoska, and Easterbrooks
 - ISBN: 978-0-538-74584-0

➤ Hardware and Software

- The following software will need to be installed on a flash drive (1GB+)
 - Notepad++ (<http://goo.gl/376vF>)
 - Filezilla (<http://goo.gl/hzPHz>)
 - Chrome Web Browser (<http://goo.gl/jJDAC>)
 - a You may also use Firefox (<http://goo.gl/faCMi>)
 - 7-Zip (<http://goo.gl/Vx9Uc>)
- You can download the whole mess in one package as well:
 - <http://cis.hfcc.edu/~jklance/files/portableapps.zip>
 - That's a big download, folks
- **Have it by next week (or you will fall quickly behind)**

Internet Materials

➤ Course Website <http://cis.hfcc.edu/~jklance/>

- View assignments
- Download lecture notes and course materials
- View announcements and course information
- See in-class examples

➤ UCompass <http://henryford.ucompass.com/>

- Upload assignments
- View grades

Questions?



About Me

➤ Jer Lance

- Contact information
 - **Email:** jklance.hfcc@gmail.com
 - **Emergency voicemail:** 734.447.5321
 - **Office hours:** by appointment only
- Why Me
 - BS in Software Engineering from UofM-Dearborn
 - Pursuing MS in Computer and Information Science from UofM-Dearborn
 - UofM-D ACM ICPC participant and coach
 - Open Source contributor
 - Freelance software developer

Contacting Me

➤ Use email whenever possible

- If you ask me something verbally, I require you follow up via email
 - This protects both you and I from miscommunication and error
- Use the correct email (*jdklance.hfcc@gmail.com*)
 - **Do not email me through UCompass** as I rarely check that
 - Do not email me at *jdklance@hfcc.edu* as I even more rarely check that

➤ IM (*GTalk: jdklance.hfcc@gmail.com*)

- If you have a question and you see that I'm online
- If I do not respond right away, follow up via email
 - Sometimes, Google lies and says I'm online when I'm not
 - I almost never see messages left on my IM client when I'm not there

➤ Text or Voicemail

- If you are going to be late to class or there is an emergency
- Do not text or voicemail homework questions or non-emergency communication

Questions?



Grading

➤ Exams & Quizzes (33.3%)

- Midterm Exam (100pts)
- Final Exam (100pts)
- Quizzes (100pts)
 - Quiz scores add up to a third exam

**Best 2 scores
are kept**

➤ Assignments (66.7%)

- Seven total homeworks (100pts)
- A two-part project (300pts)

➤ CIS Grading Scale

- $92 \leq A$
- $84 \leq B < 92$
- $76 \leq C < 84$
- $68 \leq D < 76$
- $E < 68$

Transferable

Passing

Grading (examples)

H1 (10)	H2 (15)	H3 (15)	H4 (15)	H5 (15)	H6 (15)	H7 (15)	P1 (150)	P2 (150)	Q (100)	M (100)	F (100)	Raw Score	Grade
8	13	13	13	13	13	13	127	127	90	20	75	505	84% (B)
5	7	7	7	7	7	7	75	75	100	100	100	397	66% (E)
9	14	14	14	14	14	14	140	140	10	90	90	553	92% (A)
9	14	14	14	14	14		140	140	10	90	90	539	90% (B)
9	14	14	14	14	14	14	140	140	100	100	—	573	96% (A)
10	15	15	15	15	15	15	0	150	100	100	100	450	75% (D)

➤ Student 1

- Did B work, generally...did poorly on the midterm, replaced that score with the quiz scores and saved a B grade

➤ Student 2

- Did E work on all assignments but did very well on exams and ended up with a failing grade

➤ Student 3

- Did very well on assignments, poorly on all quizzes, and well on exams, receiving an A

➤ Student 4

- Missed a homework, but did well otherwise, and lost an entire letter grade

➤ Student 5

- Did well on quizzes, homeworks, and the midterm, and didn't even need to take the final exam for an A+

➤ Student 6

- Did perfectly on everything, opted not to turn in part 1 of the project, and received a D as a result

Questions?



Tentative Schedule

Wk	Date	Topics/Chapters	Course Work
1	09/Jan 11/Jan	Course Introduction / UCompass HTML/CSS Review	(Q) Pretest
2	16/Jan 18/Jan	No School, Martin Luther King, Jr. Day PHP Basics Review	(A) HTML & CSS
3	23/Jan 25/Jan	User Input & Forms	(Q) PHP Basics
4	30/Jan 01/Feb	Decisions	(Q) User Input
5	06/Feb 08/Feb	Loops	(A) Decisions (Q) Decisions
6	13/Feb 15/Feb	Arrays	(A) Loops (Q) Loops
7	20/Feb 22/Feb	Strings	(A) Arrays (Q) Strings
8	27/Feb 29/Feb	Midterm Review Midterm	(P) Part 1
	05/Mar 07/Mar	No School, Spring Break	
9	12/Mar 14/Mar	Database Introduction File Handling	
10	19/Mar 21/Mar		
11	26/Mar 28/Mar	MySQL	(A) File Handling (Q) File Handling
12	02/Apr 04/Apr		
13	09/Apr 11/Apr	PHP & MySQL	(A) MySQL (Q) MySQL
14	16/Apr 18/Apr		
15	23/Apr 25/Apr	Security	(A) PHP & MySQL
16	30/Apr 04/May	Final Review Final Examination (5:30pm – 7:15pm)	(Q) PHP & MySQL, (P) Part 2

Questions?



Turning in Assignments

➤ All assignment will be turned in as follows

- Web Presence:

- You will have a copy visible from the Internet at the location specified in the assignment instructions
- Example:
<http://users.hfcc.edu/~jklance/cis222/h0/example.php>
- If I cannot view your assignment here, you lose 50% credit

- UCompass

- You must upload a .zip or .tar file of all of your assignment files to UCompass **in the correct assignment slot** by the due date
 - **Do not upload a .zipx or a .rar.** Assignments uploaded with .zipx or .rar will be treated as if they were not uploaded at all
- An example homework 0 would be uploaded:
Ucompass > Course materials > Homeworks > H0
Click “Optional File Upload” and select your .zip file

Questions?



A Misplaced Sense of Entitlement

- What is “grade inflation”?
 - Is it good or bad for you, as a student? Why?
- What is “entitlement”?
 - Do you see examples of it in your classes?

No student that is disruptive or disrespectful will be allowed to remain in this class.

My syllabus and requirements are non-negotiable.

My grades are based on quality of work, not on effort or a charitable view of a student's busy life.

Course Rules (1/3)

➤ Be courteous

- Turn off/mute cell phones
- Be on time
- Do not be disruptive
 - Hold questions
 - Type like people do (not like dinosaurs walk in Jurassic Park)
 - No cross-talk

➤ Turn in work on time

- Late assignments are not accepted
- No makeups will be given
- Extra credit (beyond what is already provided) will not be given

➤ Put in effort

- Before you ask for help, try it on your own
- Look it up, both in our materials and online
- If I (or the lab techs) do it for you, we are only teaching ourselves how to do it better

Course Rules (2/3)

➤ Communicate

- Tell me in advance if you will miss a class or need time on an assignment, we might be able to work something out

➤ Attendance is mandatory

- Each student gets one free missed day
- Each missed day beyond that may result in a 2% drop in grade
- No makeups will be given

➤ You must drop officially in order to receive a drop

- If you just stop showing up, you do not get a drop
- Last day to drop is 29 March, 2012 this semester

➤ Cheating will not be tolerated

- Turning in work that is not your own, in any way or for any reason, is cheating
- This includes copying from the Internet, tricking lab techs into doing work for you, or stealing my sample code

Course Rules (3/3)

➤ Follow Instructions

- Instructions are important
- Failure to follow instructions will undoubtedly impact your grade tremendously
- Someday, you will be working with clients that will demand, very specifically, what they ask for (and often much that they didn't)
 - Consider me just such a client
 - Only I will spell out my requirements far more explicitly than any client you will ever again have
 - You're welcome! :)
- I am a ridiculous stickler for this one

Next Session

➤ HTML and CSS Review