California State University, Dominguez Hills

Computer Science Department

Syllabus – CS255

Dr. Jason Isaac Halasa

Office Hours: by Appointment

Phone# 310-243-2526

Cell# 714-471-5087

E-mail jhalasa@csudh.edu   **Please put CS 255 in the subject line.**

Text Book

This is the book you need

- Programming the World Wide Web 8th edition
  Robert W. Sebesta
  ISBN-13:978-0-13-377598-3

  Recommended texts: (Recommended)

- Web Application Design and Implementation
  Publisher: John Wiley & Sons Inc
  Published: 06 May 2015
  Format: Hardback 400 pages

- Web Application Design & Implementation Edition: 2nd

Author: Gabarro
ISBN: 9781118361962
Copyright Year: 2013
Publisher: John Wiley & Sons, Incorporated

- **Core Web Application Development with PHP and MySQL**
  Marc Wandschneider
  ISBN-10: 0131867164

  Recommended online resources:

  Student may find that the following online references indispensable over the course of the semester. (Be aware that no online references may not be used during any exam.)

  o Microsoft's Alphabetical Function Reference - <<http://tinyur1.com/yay8238>>

Meeting Information

		Meeting Time			Location
CS255-02	Dynamic web Programming	M,W	5:30 PM	6:45 PM	SAC-2102

Description:

This class offers the latest coverage on web design and implementation. Fully updated to feature all the most current versions and how to install them, while still including their earlier versions, the class will cover information and improvements to HTML, PHP, MySQL, JavaScript, Linux, Apache, CSS, AJAX, web security, JQuery, and browsers as web tools.

REQUIREMENTS:

1) **Xampp, Apache, CSS**
2) **HTML, PHP, MySQL, JavaScript**
3) **Microsoft Visual Studio C++ 2008 or Express**
4) **Email account for sending lab assignments for grade submission**

COURSE REQUIREMENTS AND GRADING POLICY

Your performance objectives will be met by exams and lab assignments. Each exam and lab assignment will be graded and your final grade will be determined as a weighted average of these grades as follows:

Homework	10%
Lab assignments	40%
Midterm Exam	20%
Quizzes	10%
Final Exam	20%
Total	100%

Technology Requirements

- Computer: You must have access to a reliable computer for this course. If you are on campus, and do not have a laptop, you can check out a laptop from the IT User Services Help Desk via Technology Checkout Program. In addition, the CSUDH Toro Lab offers on campus access to workstations with a wide variety of commonly used software.
- Visit the CSUDH Academic Technology Online Courses Technical Requirements page for more information on technology requirements.
- Email: All email communications from this course will go through your Toromail. Toromail is the CSUDH student email system.
- Internet and Campus Wireless Network:
- You must have Internet access to participate in this course. If you are on campus, connect your laptop and mobile device to the internet using the eduroam campus wireless network.

- Office 365: Course work will require you to submit work in Word format (.docx files). Active CSUDH students have access to Office 365 (Word, Excel, PowerPoint) for personal desktop and laptop computers at no cost.

Blackboard Learn

- You may access the course through Blackboard Learn https://toro.csudh.edu. You have the flexibility in an online course to study and participate according to your work and personal schedule within each week of study. However, you must still complete assignments by their required due dates.
- Your challenge is to dedicate the required time for study within your personal schedule. This syllabus, including the schedule and due dates, should support you in managing time effectively. Marking your study and your online discussion time in your personal calendar also will help.
- As part of your personal schedule, make sure you check the Announcements and my Online Office several times a week so that you can see if I have posted any new information about the course.
- Turnitin
- Add if you are using Turnitin
- This course will make use of the third-party tool called Turnitin. Turnitin will scan your document and compare it with websites, journals, periodicals, books and other submitted paper to improve writing and to minimize plagiarism. View this short video for a general overview of Turnitin.
- LockDown Browser
- Add if you are using LockDown Browser

- Tests in this course will use the Respondus LockDown Browser. This is a specialized web browser which temporarily blocks access to other applications on your computer while you take a Lockdown Browser required test on Blackboard. Tests using LockDown Browser will include the text, "requires LockDown Browser."
- Click here to download Respondus LockDown Browser for Mac and Windows. If you are on campus, LockDown Browser is available on computers found in the second and third floor of the library (south), as well as, on the accessibility computers found in the ToroLab.
- View this short video for a general overview of LockDown Browser. Watch this video to view the install and LockDown Browser test taking process.
- Note: The webcam feature in LockDown Browser, known as Respondus Monitor, will not be used.
- Zoom
- Add if you are using Zoom
- This course will use Zoom web conferencing software for online meetings/office hours/online lectures. Go to the Zoom download page to download and install the Zoom Client for Meetings on your desktop or laptop. Zoom is also available for mobile and tablet devices on the App Store (iOS) and Google Play (Android). Visit the CSUDH Academic Technology Tutorials page for information on using Zoom.
- View this short video for a general overview of Zoom.
- Special Needs
- Online courses are required to meet ADA accessibility guidelines. This means that all aspects of the online learning experience are accessible. Please let me know if you have adaptive software and hardware to assist you with taking this course or if you have any specific needs I should be aware of. The CSUDH Student Disability Resource Center (SdRC) is

available to assist you during this course. The SdRC is available at (310) 243-3660 and can be reached by email at dss@csudh.edu.

<u>Technical Help</u>

- If you need technical help, refer to the following resources:
- Login Issues:
- For login issues related to Blackboard, Toromail and MyCSUDH, contact the IT Help Desk at (310) 243-2500, option 1. You can also create an online service ticket for login support.
- The IT Help Desk also offers walk-in support. Visit the first floor of the library (north), C-108, for in-person help.
- Password Resets: CSUDH offers an easy, self-service password reset service at https://password.csudh.edu/. For additional assistance with password resets, contact the IT Help Desk.
- Blackboard Issues:
- For issues or questions with Blackboard, contact the CSUDH Blackboard Support line at (310) 243-2500, option 2. You can also create an online service ticket for Blackboard support.
- Need Help with Using Blackboard?
- If you are new to Blackboard or unfamiliar with a specific feature of Blackboard, CSUDH Academic Technology offers a series of PDF and video-based tutorials. Visit the CSUDH Academic Technology Tutorials page for more information.

Participation in Online Discussion Sessions

Online students, perhaps even in a more direct way than on campus students, are expected to have an active role in contributing to the learning of the entire class. In order for us to build meaning together and to learn from each other we need to be involved in conversations with each other. For this reason, it is expected that students will make at least 3 posts per week (one original, and reply to at least 2 classmates). Students are expected to complete online discussion projects during the week the assignment is distributed. Students who post after the deadline will not receive credit. To receive full credit for posts, students should observe the following when responding:

· You cannot earn full credit with less than 3 posts.

· Late discussion postings (after the midnight deadline) are not accepted.

· Avoid posting response at the last minute (or even few hours). Last minute posts are generally of poor quality and make it difficult for others to respond to. Last minute posts will be penalized. The following tier system will be used for grading the discussion forums:

- Discussion responses are generally due on a Monday

- To be eligible to receive full credit (3 points), both responses must be made no later than Saturday at midnight.

- Reponses posted after Saturday night will receive no more than 2 points

· Follow all directions and answer all parts of the assignment.

· Try to distribute postings evenly during the week (not concentrated all on one day or at the beginning or end of the week), but have to be on at least two different days to receive full credit.

· Avoid abbreviated responses – You can post as many 'I agree' or 'great idea', type statements as you like, but these will not count for points. Reply points will be earned by either following the specific directions for that particular discussion, by adding a constructive idea or posing an open-ended question to the author.

· You are required to post to the forums at least twice per each topic posted (once in response to the instructors' topic and at least once more in response to another student.)

· Participation in the discussion forum is NOT optional. Providing a well thought out response to the prompt for each unit is a requirement. You may post your response early, but you cannot post it late.

Netiquette

Just as respectful conversational techniques are expected in an on campus classroom, proper netiquette is important when taking an online class. Please remember that using the written word as we do in an online class can be difficult since we don't have facial expressions or body language to aid us in understanding what you are saying. Good online resources for you to check out are: http://www.albion.com/netiquette/

CSUDH Standards of Student Conduct All students must conform to the Standards of Student Conduct, which have been established by students and college staff and have been approved by the Board of Trustees. The Standards of Student Conduct are listed in the

Academic Policies section of the university Catalog.

Knowing Your Responsibilities

CSUDH provides you with a wide variety of academic assistance and personal support, but it is up to you to know when you need help and to seek it out. It is your responsibility to keep informed and to obey the rules, regulations and policies which control your academic standing and your life as a CSUDH student. Meeting deadlines, completing prerequisites and satisfying the degree and certificates requirements, as found in the curriculum guides in this catalog, are all part of your duties as a student. Consult this catalog, the college and school announcements and the schedule of classes for the information you need. Watch for official announcements.

Accessibility at CSUDH

Access to publications, instructional material, computer software, hardware and electronic information, as well as access to the campus are critical for the educational and career achievement of all persons. CSU Dominguez Hills seeks to enable that access with this directory of information and services.

The policy of the CSU is to make its programs, services, and activities accessible to students, faculty, staff, and the general public who visit or attend a campus-sponsored event, with disabilities.

Disabled Student Services, also known as the Student Disability Resource Center (SdRC), requests students to bring any issues and concerns related to service delivery or access to the University's buildings, programs, and activities to our attention. SdRC will either address the issue and concern itself or forward it to the appropriate University department.

Your willingness to make us aware will enable the SdRC program and campus to better meet your needs.

BONUS POINTS:

Bonus points are for those students who wish to add points to their score. These points will only help students who decide to do them. If a student decides not to do them, this will not have an effect on their grade.

SPECIAL NEEDS:

Please inform me during the first week of classes about any disability or special needs that you have that may require specific arrangements related to attending the class sessions, carrying out class assignments, or writing papers or examinations. According to the California State University Policy, students with disabilities need to document their disabilities with Disabled Student Services.

Academic Dishonesty:

Academic dishonesty includes such things as cheating, inventing false information or citations, plagiarism, and helping someone else commit an act of academic dishonesty. It usually involves an attempt by a student to show possession of a level of knowledge or skill which he or she does not possess.

Cheating is defined as the act of obtaining or attempting to obtain credit for work by the use of any dishonest, deceptive, fraudulent or unauthorized means. Examples of cheating include, but are not limited to: using notes or aids or the help of other students on tests and examinations in ways other than those expressly permitted by the instructor, plagiarism as defined below, tampering with the grading

procedures, and collaborating with others on any assignment where such collaboration is expressly forbidden by an instructor.

Plagiarism is defined as the act of taking the specific substance of another and offering it as one's own without giving credit to the source. When sources are used, acknowledgment of the original author or source must be made following standard scholarly practice.

The following will be the guidelines for collaboration in the laboratory activities.

Except during exams, students may discuss general program design and strategies for solving problems. However, any time you use another person's design or insight, it must be properly credited in the program documentation. This includes crediting algorithms taken from the text, web sites, notes, teaching assistants, or tutors. You may NEVER give your code or use another person's code: the detailed algorithm and coding must be the student's own. This also holds true for debugging; another student may identify the error but should not dictate, rewrite, or show the code to correct it. Please note that the student giving help in violation of these guidelines will be held as responsible as the student receiving the help.

The Computer Science Department takes this matter very seriously. Any instance of academic dishonesty may result in failing the course and a notation in your University records.

STATEMENT OF WORKPLACE AND FOUNDATION COMPETENCIES

California State University, Fullerton is determined to prepare students with the knowledge and skill you need to succeed in today's dynamic work environment. Towards this end, the following workplace competencies and foundation skills have been designed into the curriculum of the class.

Grading Scale

Score Range	Grade	Score Range	Grade	Score Range	Grade
≥ 96	A	[90, 96)	A-	[87, 90)	B+
[83, 87)	B	[80, 83)	B-	[77, 80)	C+
[73, 77)	C	[70, 73)	C-	[67, 70)	D+
[60, 67)	D	[0, 60)	F	NA	

Required Computer Software/Hardware Capabilities

A computer with various software installed, such as Chrome, Java environment, Eclipse or other Java IDEs, PowerPoint reader, Word reader and PDF reader, with be required. Students could use the computers in the lecture room or other computer labs on campus, and all required software has been successfully installed. Students could also choose to use their own computers and install required

software. If students have any problem with installing software, please contact university IT department (https://www.csudh.edu/it/).

Computer Literacy Skills Expectations

It is expected that students will

- Have regular access to computers and internet access for the term of this course;
- Be familiar with using email as a communication tool and check your campus email account at least every other day;
- Be able to access online course materials, and open the materials and finish the required problems using applications, such as online tools, Eclipse or other Java IDEs, PowerPoint reader, Word reader and PDF reader;
- Do research on their own to solve problems in and after the lecture classes.

Academic Integrity

Academic integrity is of central importance in this and every other course at CSUDH. You are obliged to consult the appro- priate sections of the University Catalog and obey all rules and regulations imposed by the University relevant to its lawful missions, processes, and functions. All work turned in by a student for a grade must be the students' own work. Plagiarism and cheating (e.g. stealing or copying the work of others and turning it in as your own) will not be tolerated, and will be dealt with according to University policy. The consequences for being caught plagiarizing or cheating range from a minimum of a zero grade for the work you plagiarized or cheated on, to being dropped from the course.

Americans with Disabilities Act

CSUDH adheres to all applicable federal, state, and local laws, regulations, and guidelines with respect to providing reason- able accommodations for students with temporary and permanent disabilities. If you have a disability that may adversely affect your work in this class, I encourage you to register with Student Disability Resource Center (SdRC) and to talk with me about how I can best help you. All disclosures of disabilities will be kept strictly confidential. NOTE: No accommodation can be made until you register with the SdRC. For information call (310) 243-3660 or to use the Telecommunications Device for the Deaf, call (310) 243-2028 or go to: https://www.csudh.edu/sdrc/

Behavioral Standards

Behavior that persistently or grossly interferes with classroom activities is considered disruptive behavior and may be subject to disciplinary action. Such behavior inhibits other students' ability to learn and an instructor's ability to teach. The instructor may require a student responsible for disruptive behavior to leave class pending discussion and resolution of the problem and may also report a disruptive student to the Student Affairs Office (WH A-410, 310-243-3784) for disciplinary action.

Tentative Course Outline and Schedule

The chapters with "*" marked are core chapters, and must be covered. The other chapters should be covered when time allows or students for the session seem to be more prepared. The dates in the table are tentative, the actual topics covered on certain dates and the actual quiz/assignment/Midterm Exam dates might be different, and will be depending on the class progress.

- ALL HOMEWORK MUST BE TURNED IN AT THE BEGINNING OF CLASS ON THE ASSIGNED DATE. LATE HOMEWORK WILL NOT BE ACCEPTED.

- NO LATE OR PARTIALLY-COMPLETED ASSIGNMENTS WILL BE ACCEPTED!!! Failure to turn in a completed lab will result in a zero for that lab. Poor lab scores can impact your final score.

- Lab assignments/Homework must be completed on time and you must attend all sessions.

- Lab attendance is mandatory and required to pass the course.

- The instructor reserves the right to adjust the grades up according to the performance of the whole class. However, there will not be any exceptions for any individual students.
- The instructor may at any time ask questions regarding any work submitted.

BONUS POINTS:

Bonus points are for those students who wish to add points to their score. These points will only help students who decide to do them. If a student decides not to do them, this will not have an effect on their grade.

SPECIAL NEEDS:

Please inform me during the first week of classes about any disability or special needs that you have that may require specific arrangements related to attending the class

sessions, carrying out class assignments, or writing papers or examinations. According to the California State University Policy, students with disabilities need to document their disabilities with Disabled Student Services.

Academic Dishonesty:

Academic dishonesty includes such things as cheating, inventing false information or citations, plagiarism, and helping someone else commit an act of academic dishonesty. It usually involves an attempt by a student to show possession of a level of knowledge or skill which he or she does not possess.

Cheating is defined as the act of obtaining or attempting to obtain credit for work by the use of any dishonest, deceptive, fraudulent or unauthorized means. Examples of cheating include, but are not limited to: using notes or aids or the help of other students on tests and examinations in ways other than those expressly permitted by the instructor, plagiarism as defined below, tampering with the grading procedures, and collaborating with others on any assignment where such collaboration is expressly forbidden by an instructor.

Plagiarism is defined as the act of taking the specific substance of another and offering it as one's own without giving credit to the source. When sources are used, acknowledgment of the original author or source must be made following standard scholarly practice.

The following will be the guidelines for collaboration in the laboratory activities.

Except during exams, students may discuss general program design and strategies for solving problems. However, any time you use another person's design or insight, it must be properly credited in the program documentation. This includes crediting algorithms taken from the text, web sites, notes, teaching assistants, or tutors. You may NEVER give your code or use another person's code: the detailed algorithm and coding must be the student's own. This also holds true for debugging; another student may identify the error but should not dictate, rewrite, or show the code to correct it. Please note that the student giving help in violation of these guidelines will be held as responsible as the student receiving the help.

The Computer Science Department takes this matter very seriously. Any instance of academic dishonesty may result in failing the course and a notation in your University records.

STATEMENT OF WORKPLACE AND FOUNDATION COMPETENCIES

California State University, Fullerton is determined to prepare students with the knowledge and skill you need to succeed in today's dynamic work environment. Towards this end, the following workplace competencies and foundation skills have been designed into the curriculum for CS101

Common Workplace Competencies

Manage Resources: Identifies, organizes, plans, and allocates resources

Students in CS255 must appropriately allocate their time in order to complete class assignments in a timely fashion. They must budget their time and perform class-related activities through a ranking process which allows them to meet self-determined goals.

Interpersonal: Works with others

Students in CS255 at times work together in groups. Many times these groups are randomly selected, thus giving the students an opportunity to interact with different types of students. Students must learn to use leadership skills, learning skills, negotiating skills, and evaluating skills as they work together to accomplish a common goal.

Information: Acquires and uses information

Students in CS255 –must acquire the proper information in order to successfully complete the course. Sources include classroom lectures, the text, the Internet, and reference books available in the classroom. Most importantly, students must use computers to process this information and to perform various tasks.

Technology: Works with a variety of technologies

Students in CS255 must apply technology to specific tasks, determining what application to use to obtain a specific outcome.