



Information Systems Department

Course Syllabus

IS337- Application Development

Catalog Description: This course will introduce basic topics on Internet Technologies, HTML5 (Basic Elements, Tables, Meta Elements), Forms, CSS3, JavaScript (Control Elements, Functions, Arrays, Objects, Events), Application Development using PHP and Client-Server Programming.

Credit Hours: 3 Credit hours: 2 Lectures per week 2 Labs. per week 0 Recitation per week

Prerequisites: IS321- Database Management Systems

Course Learning Outcomes:

1. Define basic programming concepts
2. Choose an appropriate data structures for modeling a problem
3. Develop a program that uses each of the following fundamental programming constructs: basic computation, simple I/O, standard conditional and iterative structures, and the definition of functions.
4. Test applications with sample data
5. Function effectively on teams to accomplish a common goal.
6. Communicate effectively in oral and written form.
7. Take responsibility for their own learning and continuing personal and professional development.

Major Topics:

- Introduction to Internet technologies, introduction to HTML5, basic elements, Tables, Meta elements, Forms
- CSS3, backgrounds, images, menus
- Introduction to JavaScript, control elements, functions, arrays, objects, events
- Application Development using PHP and client-server programming
- Project Discussions

Text Books: H. M. Deitel, P. J. Deitel, Internet and World Wide Web How to Program 5thEdition, 2012, Pearson ISBN-13: 978-0-13-215100-9



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Grading:

- ⊙ The grading scale for this course is:

95 - 100 A+ Passing
90 - 94 A Passing
85 - 89 B+ Passing
80 - 84 B Passing
75 - 79 C+ Passing
70 - 74 C Passing
65 - 69 D+ Passing
60 - 64 D Passing
0 - 59 F Failing

- ⊙ Final grades will be determined based on the following components:

. 60% Semester Work
. 40% Final Exam

- ⊙ Students may not do any additional work for extra credit nor resubmit any graded activity to raise a final grade.

- ⊙ Late submissions will not be accepted for any graded activity for any reason.

- ⊙ Students have one week to request the re-grading of any semester work.

Attendance Policy:

Students should attend 80% of the overall course hours taught in the semester as per the University regulations.

If a student fails to achieve this portion, he/she shall not be allowed to appear in the final exam and shall be awarded “DN” grade and repeat the course.

Cheating and
Plagiarism Policy:

The instructor will use several manual and automated means to detect cheating and/or plagiarism in any work submitted by students for this course.

When a student is suspected of cheating or plagiarism, the instructor raises the issue to the disciplinary committee.



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Communications: Registered students will be given access to a section of the Learning Management System (LMS) for this course. LMS will be used as the primary mechanism to disseminate course information, including announcements, lecture slides, assignments, and grades.

Communication with the instructor on issues relating to the individual student should be conducted using CIS email, via telephone, or in person.