

**Web Design IV**  
**KCDM 320**

**Instructor: Wes Kempa**  
**Room 408**  
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### **Course Description**

Advanced Web Development Course. Basic SQL and Multi-language programming aspects to include controlling structures, object oriented design, and creation and implementation of a strong web application. This course will cover CSS, Forms, JavaScript, SQL, Web Architectures, Programming language fundamentals and other topics as needed for the development of database driven Web-based applications.

### **Course Schedule**

The first half of the semester will be used demonstrate fundamentals and techniques of web development, programming aspects, and database communication utilizing a variety of class examples and walkthroughs. Students will also begin the concept process of their class project. Each student will be asked to create a gather and present a collection of ideas, storyboards, and/or website examples that explain their project to their classmates.

The second half of the semester will focus closely on the creation process of each student's project. Individual support and assistance will be provided by the instructor. A final class presentation will be held.

### **Attendance**

More than 3 unexcused absences will negatively effect your grade. Each absence beyond 3 will continue to negatively effect your grade.

### **Grading**

Grading will be based upon:

- students ability to understand and apply programming concepts.
- quality of storyboards and/or visual models relating to each student's final project.
- strength of final project execution, design and concept, user-friendliness, file and code organization.

### **Materials**

Notebook or 3-ring binder for notes and handouts  
No Textbook required

### **Software Requirements**

[www.kcad.edu/about/technology/digital-media-technology](http://www.kcad.edu/about/technology/digital-media-technology)

### **Class Day Log and Other Resources**

[www.kendall-web-lab.com/class/web4/](http://www.kendall-web-lab.com/class/web4/)  
[www.kendallweblab.com/](http://www.kendallweblab.com/)  
[en.wikipedia.org/wiki/](http://en.wikipedia.org/wiki/)