CS 641, Haik Sahakian

Mobile Web Development

Review, Feb 25

Quiz

- ❖ Password is rain

- ❖ 3 minutes

Sachin's our Teaching Assistant

- Sachin Ingale, si61115n@pace.edu

- Sachin's Weather App demo

Sachin's our Teaching Assistant

- ❖ Sachin Ingale, si61115n@pace.edu

- ❖ Sachin's Weather App demo

- ❖ Let's say thanks to Luna

Assignment Feedback

Nice Examples

* http://webpage.pace.edu/rg81115n/Homework3.html - Rasika Garble

* http://webpage.pace.edu/wd74685n/CS641/HW3/meetspace/meetspace.html - William Dickerson

Web Examples

- ❖ W3Schools itself

- ❖ Let's look at last week's examples on a phone:

- ❖ http://www.pace.edu/

- ❖ http://newlab.com/

- ❖ http://lederniergaulois.nouvelles-ecritures.francetv.fr/

Job Listings Review

❖ What were the key skills and popular libraries that you saw in your review?

Comments on Responsive Code

❖ A key technique with responsive design is to switch from rows to columns. Flex makes this easy - it used to be harder.

❖ Remember to switch to 100% widths for containers (and often images) when running on small screens.

❖ The Viewport Meta tag: how to let a phone know it's OK to render a page at native resolution.

Viewport Tag

❖ Demo

Comments on Responsive Code

❖ Use percentage widths at certain resolutions, and flex or fixed widths at others. Implement these conditional layouts with media queries.
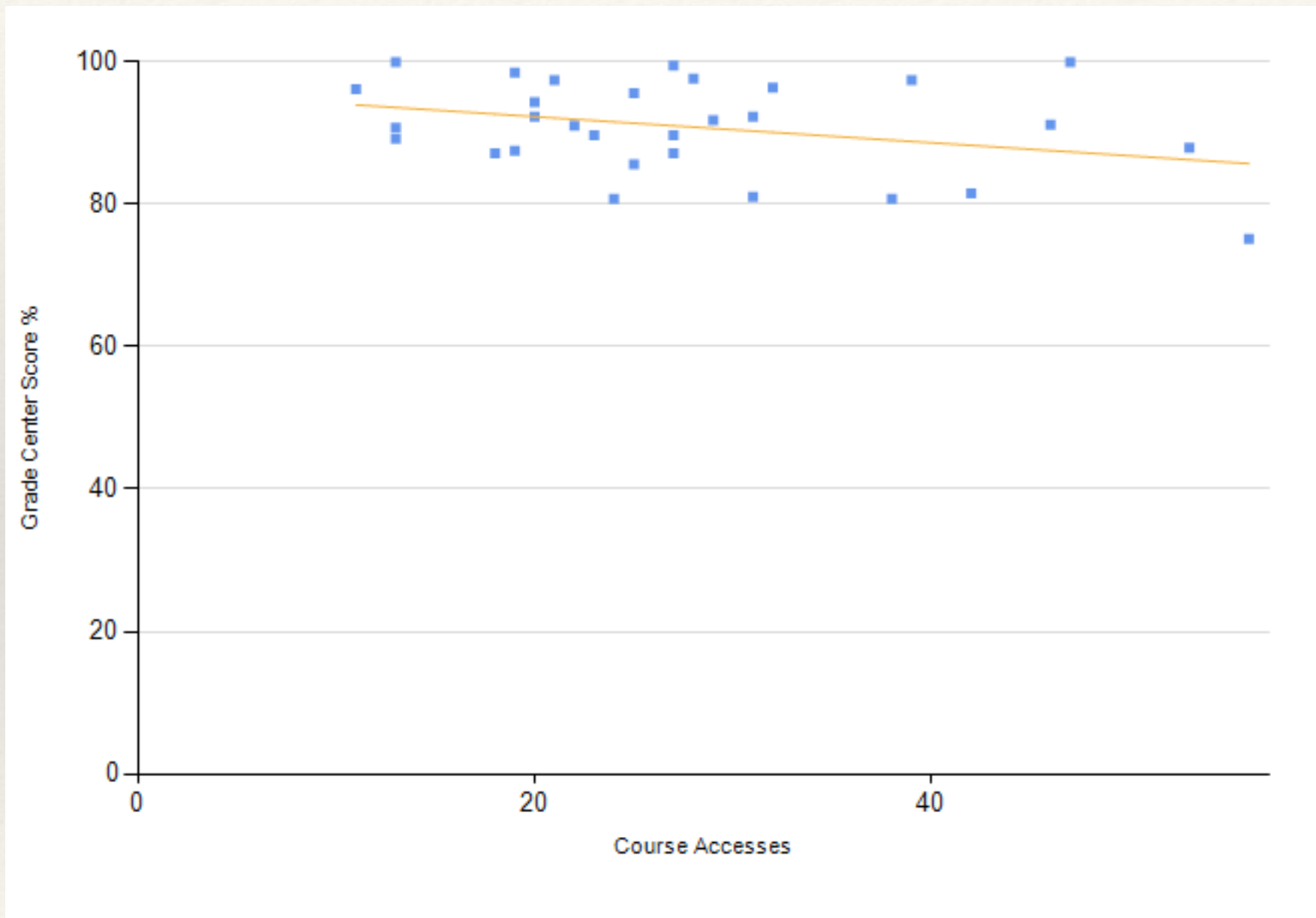
Assignment Feedback

❖ Please make your thread links into real HTML links, and set the link to open in a new window. Thanks.

❖ 50 points of extra credit - about 30% of students got it - let me know if you had it in there but I missed it. There were a few pages with transforms, but not 3D transforms.

❖ Lots of soccer fans out there.

❖ Offside World and how sites don't have to be *that* professional.

❖ 5 not handed in

❖ For re-dos, contact me in person, within 2 weeks of the assignment.

FYI: Grades for Section 13

How to Get a High Grade

❖ Create your own HTML, CSS, and JS

❖ Don't copy your friends / my examples / articles on the internet

❖ Employers want skills more than anything else.

Incomplete Grades

An Incomplete will be given very rarely, and only if you were doing fine in class until an unfortunate event occurred that prevented you from continuing. For example, an Incomplete is possible if:

❖ You were doing fine on your assignments in class until something heavy fell on you while walking on the street.

❖ You were doing fine on your assignments in class until something *serious* occurred which interrupted your studies.

"Mobile First" Design

❖ As you design a site, the content components tend to be driven by the mobile experience.

❖ Layout is much easier to change than content.

❖ Responsive sites become simpler. Examples:

❖ http://www.nbcnews.com/

❖ http://www.cc.com/shows/the-colbert-report

❖ https://www.acorns.com/

Video Tag

❖ Demo

❖ Note that the source tag is an example of how HTML is not XML-compliant (well formed)

Image Editors

❖ Any questions on using image editors, file formats, or image compression?

Another Quiz

❖ Password is leverage

❖ 10 minutes

Overview of Internet Technologies

❖ Addressing

❖ TCP/IP

❖ Routing and nuclear war

❖ HTTP (Chrome demo)

❖ Requests and Responses

❖ Header and Body

❖ Web Servers

Web Server

❖ Demo of Apache Server Configuration

JavaScript Reading

Learning JavaScript

❖ Introduction from videos and readings

❖ Code Monster

❖ Comparable languages

❖ Let's go through the MDN article on introducing javaScript, https://developer.mozilla.org/en-US/docs/Web/JavaScript/A_re-introduction_to_JavaScript

Important Concepts

❖ Everything is objects

❖ Prototypal inheritance

❖ MVC

❖ The future of classes

Unimportant Concept

❖ There are two zeroes

What's Next

What's Next

❖ Responsive vs Adaptive

❖ Overview of Mobile Browsers

❖ JavaScript Examples