

CS 183 – Exam 2 – Study Guide

The examination will cover material since the first exam, along with CSS. The exam is open book, open notes. No computers.

Topics covered:

Cascading Style Sheets (CSS)

PHP

PHP Cookies

PHP Sessions

PHP and database access

XSLT

SQL injection attacks

For the above topics, you should be prepared to understand code that exercises these technologies, as well as to write code in PHP to accomplish simple tasks using the technology.

For SQL injection attacks, you should be able to identify a code pathway by which a SQL injection attack can occur. You should also be able to code one or more techniques for avoiding SQL injection attack.

For XSLT, you should understand simple programs written in XSLT, and be able to write simple programs in XSLT. Completing the XSLT lab assignment prior to the test is recommended.

HTTP will be covered. You should be able to identify elements of an HTTP request and response message, and should also understand chunked encoding.

XPath will be covered. You should be able to identify the XML attributes or elements identified by an XPath expression.

Topics not explicitly covered in the test: WebDAV, OO features of PHP, representing PHP designs in UML.