



WAKE FOREST
UNIVERSITY

Department of Computer Science

Special Topics - CSC 191-A PHP Programming

Spring 2012

Instructor: Daniel A. Cañas

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Office hours: T-TH 2-3 pm or by appointment

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Text book: (recommended)

Good reference:

White, Eisenhower, "PHP5 in Practice", Addison Wesley.

Introductory level:

Holzner, S., "Spring into PHP 5", Addison Wesley.

Intermediate level:

Cosentino C., "Advanced PHP for Web Professionals", Prentice Hall.

Advanced:

Schlossnagle G., "Advanced PHP Programming", Developer's Library.

Wandschneider, M., "Web Application Development with PHP and MySQL", Prentice Hall.

Application Oriented:

Gabarro, S., "Web Application Design and Implementation", Wiley.

Lee, J., Ware, W., "Open Source Web Developments with LAMP", Addison Wesley.

Objectives:

Introduce the student to the concepts of PHP scripting language and its use in dynamic web pages implementation.

Pre-requisite:

Knowledge of a programming language (C, C++, Java ...)

Evaluation:

Project: 90%

Class participation: 10%

Contents:

- 1- PHP syntax, variables and operations
- 2- Flow control
- 3- Strings and arrays
- 4- PHP and MySQL
- 5- HTML controls
- 6- Web forms
- 7- Working with files
- 8- Sessions and authentication
- 9- Uploading/downloading files