

Summary Report of Faculty Development Activities
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I have completed the online course: Zend PHP Certification. The Course was developed to prepare candidates for the Zend PHP certificate. Zend is a formidable developer of the PHP code standards as well as a developer of the Zend Integrated Devilmint Environment software suite for developing, testing and deploying PHP applications.

The goal of the Zend PHP Certification program is to allow PHP professionals to attain the "Zend Certified Engineer" designation. This is identical in concept to other well know certification programs such as "Microsoft's Certified Professionals" and the "Sun Certified Java Programmer" programs. The Zend PHP Certification program aims at creating a measure of distinction that employers can use to evaluate prospective employees.

The following outline, taken from the Official PHP Certification Study Guide, summarizes the Certification exam's objectives:

The Basics of PHP
Object-oriented PHP
PHP and the Web
Strings and Regular Expressions
File Manipulation:
Managing Date and Time
Managing E-mail
PHP and Databases
Stream and Network Programming
Security
Debugging and Performance Management

Outcome:

1. Increased my knowledge and productivity as applied to class instruction. With a better understanding of computer programming languages as a whole and PHP programming language in particular.
2. Developed substantive methodologies and application of programs for use in Web CT and proposal for complete online course in Intro to WWW publishing.
3. I improved my syllabus and developed supplemental materials for Introduction to database driven Websites. Lecture and class discussion of database website application now integrated into class topics.
4. I intend to build an online application to use in conjunction with HTML programming that will allow students to code preview save and submit hand coded HTML web pages to be introduced in the Intro to WWW publishing course I teach.
5. This experience has allowed me to further explore install and create other online tools and applications to enhance webct and my own archive of class resources.