

PHP Professional Web Developer Certificate

Program Number: 90-152-8

Certificate

Information Technology Program Cluster
 School of Agriscience and Technologies
 Program offered at Madison Campuses

For information call: (608) 246-6800 or
 (800) 322-6282 Ext. 6800

About the Certificate

This certificate is designed to prepare information systems professionals to use the PHP programming language for web development. Classes include advanced web application features such as shopping carts, content management system using Drupal, web forums and connecting to web services. Three classes are used to teach students the necessary skills to make them successful in PHP web development.

Unique Requirements for Admission

- 1) Associate Degree in programming (e.g. IT Programmer/Analyst) OR 2 years experience in a programming language (e.g. COBOL, Visual Basic, etc.)
- 2) Experience using a relational database (e.g. Access, MySQL, SQL Server, Oracle)
- 3) Experience in basic web development using HTML.

Certificate Application Process

To apply, see: Apply Online (on the Madison College website). [Create an ApplyWeb account](#) and follow the [instructions](#) to complete the [Online Certificate Application](#) before the [application deadline](#). Submit the \$15 non-refundable fee (payable by credit card, debit card or electronic check) with your application. Applicants may submit more than one certificate application per term using the Online Certificate Application; the same fees apply for each additional application.

Unique Requirements for Completion

The certificate will be awarded upon completion of the requirements with a minimum of a 2.0 grade average and no course grade lower than a C. The certificate will be awarded when completion of all requirements is verified after the semester the last course has been completed.

Curriculum

Courses	Credits	Hrs/week	
		Lec	Lab
10-152-166 PHP Web Development with MySQL	3	2	2
10-152-167 <u>Advanced PHP and MySQL Web Development*</u>	<u>3</u>	<u>2</u>	<u>2</u>
Total	6		

Note: All Information Technology courses require a grade of C or better in order to receive the certificate.

**Offered Fall semester only*

***Offered Spring semester only*

Courses

- 10-152-166 PHP Web Development with MYSQL 3 credits**
 This course introduces the student to dynamic web page development using the PHP programming language. Students will learn how PHP works, how to effectively use many of its powerful features, and how to design and build their own PHP web applications. The popular MySQL open source database management software (DBMS) will also be introduced as a powerful backend for PHP websites.
- 10-152-167 Advanced PHP and MySQL Web Development 3 credits**
 This course prepares the student to implement professional PHP and MySQL web applications. Students will learn advanced techniques for session management, validation, and authentication. Advanced web application features such as shopping carts, content management using Drupal, web forums and connecting to web services are discussed. Installation and customization of open source PHP web applications is also covered. Prerequisite: Grade of C or better in 10-152-166.

More detailed and updated information on this program may be available at: madisoncollege.org. The college reserves the right to make changes in the regulations and courses announced in this publication without notice.

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Rev. 03/12

