《互联网开发-PHP Web全栈技术》课程中英文简介

Developing for Website（Full Stack Techniques of Website with PHP）

课程代码：071293B **Course Code：**071293B

课程名称：互联网-PHP Web全栈技术 **Course Name：**Developing for Website  
（Full Stack Techniques of Website with PHP）

学时：48 **Periods：**48

学分：3 **Credits：**3

考核方式：考查 **Assessment：**Inspection

先修课程：Web前端编程、 **Preparatory Courses：**Programming for

数据库原理与应用 Front-end of Website,

Principle and Application of Database,

《互联网开发-PHP Web全栈技术》是计算机科学与技术专业本科生的专业选修课。本课程以PHP技术为背景，介绍Web应用的概念以及相应的开发技术与方法。通过本课程的教学，可以使学生了解动态网页和Web应用的相关概念、运行环境和原理，掌握PHP语言的各种基本特性及相关的编程技能，以及网站和Web应用的开发方法和相关技术。本课程教学内容主要包括Web应用的概念、PHP应用的开发环境和运行环境、PHP语言基础、PHP函数、处理字符串、MySQL数据库基础、PHP连接和访问数据库、使用数组、表单处理及会话管理、PHP面向对象程序设计等。本课程的实践性较强，学生需要通过大量的上机实践，以建立PHP页面与PHP应用的设计与开发能力。

"Developing for Website（Full Stack Techniques of Website with PHP）" is the major elective course for undergraduate students majored in computer science and technology. This course is based on PHP technology, introduces the concept of Web application and the corresponding development techniques and methods. Through the teaching of this course, students can understand the related concepts, running environment and principle of dynamic web pages and Web application, master basic characteristics and programming skills of PHP language, the development methods and related technologies of website and Web applications. This course mainly includes the concept of Web application, PHP application developing and running environment, PHP language foundation, PHP function, handling string, MySQL database foundation, Connecting and accessing database through PHP, Using array, form processing and session management, PHP object oriented programming. The practicality of this course is strong; students need do a lot of practice to require the ability of design and development of PHP page and PHP application.