《程序设计语言(JAVA)》课程中英文简介

Programming Language (JAVA)

课程代码：071543B **Course Code：**071543B

课程名称：程序设计基础（JAVA） **Course Name：**Programming Language (JAVA)

学时：48 **Periods：**48

学分：3 **Credits：**3

考核方式：考查 **Assessment：**Assignment

先修课程：计算机应用 **Preparatory Courses：**Computer Application

面向对象的技术已经成为软件开发的主流技术，而面向对象程序设计则是其中的重要组成部分。Java技术是当今网络计算的主流技术，其中Java语言就是一种纯的面向对象程序设计语言。学习和掌握Java面向对象程序设计，可以为学生进一步学习各种Java技术以及面向对象软件开发技术打下坚实的基础。《程序设计语言（JAVA）》课程从类和对象的概念入手，着力介绍Java面向对象的程序设计，同时也对Java语言的各种基本特性及相关的编程技术进行详细介绍。通过本课程的学习，使学生建立面向对象的思维方式，并较为系统地掌握Java语言的各种基本特性以及面向对象程序设计的基本方法和技术。

Object-oriented software development technology has become the mainstream technology, and object-oriented programming is an important part of them. Java technology is the mainstream of today's network computing technology, including Java language is a pure object-oriented programming language. It is necessary for undergraduates to learn and master the Java object-oriented programming, especially for them to further study a variety of Java technology and object-oriented software development techniques so as to lay a solid foundation of their major. "Object-Oriented Programming" begins with the concept of the curriculum, which focuses on introducing Java object-oriented programming, but also on all the basic characteristics of Java language and associated programming techniques in detail. Through studying this course, students will build up an object-oriented way of thinking, and they can be familiar with a more systematic basic Java language, object-oriented programming features and the basic methods and techniques.