《程序设计基础》课程中英文简介

Fundamentals of Program Design

课程代码：072105A **Course Code：**072105A

课程名称：程序设计基础与应用 **Course Name：**Fundamentals of Program Design

学时：80 **Periods：**80

学分：5 **Credits：**5

考核方式：考试 **Assessment：**Examination

先修课程：无 **Preparatory Courses：**None

《程序设计基础》是为计算机专业学生入学后开设的第一门高级语言程序设计课程。本课程的主要目的是通过介绍一门算法语言，使学生掌握有关C/C++语言的知识并具备较熟练的程序设计技能，为后续《数据结构》、《面向对象程序设计》等课程的学习奠定坚实的程序设计基础。本课程教学内容将以C/C++语言的结构化程序设计为主线，以学习基本数据类型、数组、结构、指针、流程控制、函数、文件等要素为重点，使学生熟练掌握结构化程序的方法和一些常见算法，并具备应用程序的设计能力。

" Fundamentals of Program Design " is the first high level language programming course after Computer technology major students’ enrollment. This course aims at introducing an algorithm language, so that students can master the C / C + + language, knowledge, and have more abilities in programming skills for follow-up "data structure", "Object-Oriented Programming" and other courses, which will lay a solid basis for their program design. This course content will be C / C + + language, structured programming as the main line, and students will learn the basic data types, arrays, structures, pointers, flow control, functions, file and other elements of focus, so that they will master the structure of the program methods and some common algorithms and design capabilities with the application.