附件2

**武汉大学全英文授课课程信息表（英文版）**

**Wuhan University Course Outline**

**School/Department: International School of Software**

|  |  |
| --- | --- |
| **Course Name (Chinese)\*** | Windows应用程序开发技术 |
| **Course Name (English)\*** | Windows Programming |
| **Course Code\*** | 0801802 |
| **Availability\*** | 🗹Semester 1 □Semester 2 |
| **Course Hours\*** | 54 lessons |
| **Credits\*** | 3 |
| **Course Description\*** | This course introduces the programming technique under Windows operating system. The programming language and library used in this course is C++ and MFC. Through the learning in this course, the students can understand the basic mechanism of the Windows GUI system and the message loop, and get some idea about application framework. |
| **Course Objectives/Content\*** | Objective of the course: help the students understand the basic mechanism of the Windows GUI system and the message loop, and get some idea about application framework.The content of the course mainly contains: MFC basics, GDI, Keyboard and mouse handling, Menu, File and serialization, Controls, Dialog box and property sheet, Single document/view architecture, Scroll view, Multi-document and multi-view, Toolbar and status bar. |
| **Teaching Methods** |  |
| **Assessment\*** | Experiments |
| **Textbook(s)** | "Programming Windows with MFC", 2nd Edition, Microsoft Press, Jeff Prosise, 1999 |
| **Reading** | “Programming with Microsoft Visual C++.NET”，6th edition，Microsoft Press，George Shepherd and David Kruglinski，2002 |
| **Prerequisites** | C++ Programming |
| **Lecturer(s)** | Kong Ruoshan |

注：\*为必填。

**武汉大学全英文授课课程信息表（中文版）**

**学院:国际软件学院**

|  |  |
| --- | --- |
| **课程名称（中文）\*** | Windows应用程序开发技术 |
| **课程名称（英文）\*** | Windows Programming |
| **课程代码\*** | 0801802 |
| **授课学期\*** | 5 |
| **学时\*** | 54 |
| **学分\*** | 3 |
| **课程简介\*** | 本课程介绍Windows操作系统下的编程技术。课程中使用的编程语言和程序库是C++和MFC。通过本课程的学习，学生能理解Windows图形界面系统和消息循环的基本机制，并初步理解应用程序框架的思想。 |
| **课程目标、内容\*** | 课程目标：帮助学生理解Windows图形界面系统和消息循环的基本机制，并初步理解应用程序框架的思想。课程内容主要包括：MFC基础知识、GDI、响应键盘与鼠标、菜单、文件与串行化、控件、对话框和选项卡、单文档/视图结构、Scroll View、多文档和多视图、工具栏和状态栏。 |
| **教学方法** |  |
| **考核方式\*** | 实验 |
| **教材** | "Programming Windows with MFC", 2nd Edition, Microsoft Press, Jeff Prosise, 1999 |
| **推荐阅读** | “Programming with Microsoft Visual C++.NET”，6th edition，Microsoft Press，George Shepherd and David Kruglinski，2002 |
| **先导课程** | C++程序设计 |
| **授课教师** | 孔若杉 |

注：\*为必填。