# 课程简介

# **Course Description**

课程编码Course Code: COMP2009B

课程中文名称Course Title (Chinese): 软件设计与开发实践B

课程英文名称Course Title ( English): DESIGN AND PRACTICE OF SOFTWARE (B)

总学时Total Hours: 32 讲课学时Lecture hours: 4 实验学时Lab Hours: 28

上机学时Computing Practical hours: 0 辅导/习题课学时Tutorial/ Exercises class hours: 0

总学分Credits:2

先修课程Prerequisites: 高级语言程序设计、数据结构与算法、算法分析与设计、数据库、软件工程

课程简介:

《软件设计与开发实践B》课程主要是基于项目学习，锻炼学生动手实践能力的一个重要环节。综合应用《高级语言程序设计》、《数据库原理》、《软件工程》等课程中讲授的知识与方法，进行软件系统的分析、设计、编码、测试等工作。通过课程的训练，使学生能深刻理解迭代软件开发过程，熟练掌握软件工程工具进行系统建模、项目管理、开发、测试，并提交符合规范的各类软件工程文档。课程采用团队协作开发模式，组建项目组，培养学生的团队合作与交流能力。

Course Description:

Design and Practice of Software B is an important part of training student’s practical ability based on project learning. The knowledge and methods in the courses such as high language program design, database principle, software engineering and so on are used to carry out the analysis, design, coding and testing of the software system. Through training, student can understand the process of iterative software development, master software engineering tools for system modeling, project management, development, test, and submit all kinds of software engineering documents that conform to the standard. The course uses teamwork development mode to set up project team to cultivate students’ teamwork and communication ability.

任课教师（签字）： 主管院长（签字）：

Instructor (Signature): Dean of School (Signature):