《项目质量管理》课程中英文简介

Project Quality Management

课程代码：2121302B **Course Code：** 2121302B

课程名称：决策优化技术 **Course Name：**Project Quality Management

学时：32 **Periods：**32

学分：2 **Credits：**2

考核方式：考查 **Assessment：**Test

先修课程：概率论与数理统计 **Preparatory Courses：**Probability theory and

Mathematics Statistics

质量与成本、环境、安全、可持续发展等构成项目管理的主要目标，是项目成败的关键因素之一，具有重要的意义。《项目质量管理》课程关注项目实施中有关质量的指挥、协调和控制等活动，通过课程教学，使学生熟悉流程化、标准化和规范化的项目质量工作，实现项目质量的最佳化。教学过程中，注重管理方法与实践案例的结合，使学生能够较好的适应各行业的质量管理工作，为学生进一步学习相关领域知识和工作打下基础。

本课程是一门工业工程专业选修的课程，它阐述了如何运用科学的方法研究和管理工程中的各种决策问题，课程内容包括：项目质量的定义、质量的发展与演变、项目质量管理过程、项目质量保证、项目质量控制和改进、项目质量管理工具、项目过程分析。

As one of the key factors to achieve the success of a project, quality according with cost, environment, safety, sustainable development, etc., constitute the main objectives of project management. “Project Quality Management” focuses on quality command, coordination and control activities during project implementation. On the completion of this course, students will be able to cultivate good professional skills to master process-oriented, standardized and standardized project tools. During the teaching process, we pay much attention to the combination of management methods and practical cases, so that students can better adapt to the quality management work of various industries, and lay a foundation for students to further study the knowledge and work in related fields.

This course is an IE specialty elective course. The purpose of this course is to introduce the scientific technique to study and manage all kinds of decision-making problems in engineering practice. The course contents include: the definition of project quality, the quality of development and evolution, project quality management process, quality assurance, quality control and improvement projects, and project quality management tools, project process analysis.