《物流工程课程设计》课程中英文简介

Course Project of Logistics Engineeringt

课程代码：081201B **Course Code：**081201B

课程名称：物流工程课程设计 **Course Name：**Course Project of

Logistics Engineering

学 时：16 **Periods：**16

学 分：1 **Credits：**1

考核方式：考查 **Assessment：**Test

先修课程：物流工程 **Preparatory Courses：**Logistics Engineering

物流工程是工业工程专业一门重要的主干专业课程，特别是其中的设施规划与设计着重研究工厂总平面布置、车间布置及物料搬运等内容，其目标是通过对工厂各组成部分相互关系的分析，进行合理布置，得到高效运行的生产系统，获得最佳的经济效益和社会效益。物流工程课程设计是该课程的重要实践性教学环节，是综合运用所学专业知识，完成工厂布置设计工作而进行的一次基本训练。具体包括：（1）能正确运用工业工程基本原理及有关专业知识，学会由产品入手对工厂生产系统进行调研分析的方法。（2）通过对某工厂布置设计的实际操作，熟悉系统布置设计方法中的各种图例符号和表格，掌握系统布置设计方法的规范设计程序。（3）通过课程设计，培养学生学会如何编写有关技术文件。（4）通过课程设计，初步树立正确的设计思想，培养学生运用所学专业知识分析和解实际技术问题的能力。

“Logistics Engineering” is a main professional course of industrial engineering, in particular in the section of facilities planning and design, which focuses on the general layout of the plant, workshop layout and material handling, and aims to get a more reasonable layout, efficient operation of the production system and the best economic and social benefits by means of analyzing mutual relations of each component of plant. “Logistics Engineering project” is an important practical course, which needs the students to complete the plant layout design work based on a combination of professional knowledge. And specifically includes: (a) Applying the basic principles and related expertise of industrial engineering, and using the analysis methods to conduct research on plant production system. (b) Familiar with the various symbols and legend of the system layout design methods through an actual operation of a plant layout design. (c) Through curriculum designing work, students can learn to write technical documents. (d) Establishing the design ideas and to develop students’ ability to apply their expertise to analyze reconciliation actual technical issues via Curriculum design.