《生产计划与控制（双语）》课程中英文简介

Production Planning and Control

课程代码：081532B **Course Code：**081532B

课程名称：生产计划与控制（双语） **Course Name：**Production Planning and Control

学时：32 **Periods：**32

学分：2 **Credits：**2

考核方式：考查 **Assessment：**Check

先修课程：高等数学 **Preparatory Courses：**Advanced Mathematics

《生产计划与控制（双语）》是为工业工程专业而开设的课程。通过本门课程的教学，使学生毕业后能迅速适应社会各行业的生产计划管理实际工作；了解生产计划学科发展的基本规律；探索它们在实际工作中的应用。教学过程中，着重培养具有较高的从事生产计划管理的专业实务技能，为学生进一步学习工业工程领域相关知识和以后从事服务业等其它管理工作打下必要的基础。

本课程是一门工业工程专业必修的课程，它阐述了生产系统的基本概念、基本理论和基本方法，课程内容包括：需求预测、库存分析与控制、综合生产计划、主生产计划、物流需求计划、能力需求计划等。

"Production and Planning Control" is a course of IE major. On the completion of this course, students will be able to cultivate good professional skills of production planning in order to be better prepared for their future career of production planning after they graduate; understand the essential rules of production planning and control; explore production planning in practical work. This course also prepares students for their further study and their career of service industry and management after graduation.

This course is a subject compulsory course of IE students. The purpose of this course is to introduce the basic concept, basic theory and basic technique of the production systems. The content of this course includes forecasting, inventory control, aggregate planning, master production planning, MRP and capacity planning etc.