《人工智能（英语）》课程中英文简介

Artificial Intelligence（English）

课程代码：071313B **Course Code：**071313B

课程名称：人工智能（英语） **Course Name：**Artificial Intelligence（English）

学时：48 **Periods：**48

学分：3 **Credits：**3

考核方式：考查 **Assessment：**Assignment

先修课程：高等数学, 数据结构 **Preparatory Courses：**Advanced Mathematics, Data Structures

《人工智能（英语）》是为计算机科学与技术专业的本科生而开设的课程。通过本门课程的教学，使学生掌握人工智能的基本原理、方法及研究应用领域。了解人工智能中常用的知识表示技术，启发式搜索策略，了解原理以及非确定性推理技术。通过对典型专家系统的分析、解剖、进一步深入掌握人工智能的主要技术，去解决人工智能的一些实际问题。增强学生的逻辑思维与实验能力，为今后处理各门学科的智能奠定基础。

"Artificial Intelligence（English）" is a course of undergraduate students in the major of computer science and technology. This course enables students to master the basic principles, methods and application fields of artificial intelligence. Understand the commonly used knowledge representation technology in artificial intelligence, heuristic search strategy, understanding principle and non deterministic reasoning technology. Through the analysis of typical expert system, anatomy, and further master the main technology of artificial intelligence, to solve some of the practical problems of artificial intelligence. Strengthen the students' logical thinking and experimental ability, laying the foundation for the future processing of various disciplines of intelligence.