《人工神经网络》课程中英文简介

Artificial Neural Network

课程代码：071323B **Course Code：**071323B

课程名称：人工神经网络 **Course Name：**Artificial Neural Network

学时：48 **Periods：**48

学分：3 **Credits：**3

考核方式：考查 **Assessment：**Check

先修课程：数据结构，人工智能 **Preparatory Courses：**Data Structure, Artificial Intelligence

《人工神经网络》是为计算机科学与技术专业的本科生而开设的课程。通过本课程的学习使学生了解人工神经网络的发展、应用以及当前国际国内研究的热点和重要成果。理解人工神经网络的组成、工作原理以及应用；掌握人工神经网络中的最基本的概念、基础知识、基本方式、基本原理以及基本技术等。使学生在完成本课程学习后，掌握神经网络技术的基本知识，拓宽专业学习的知识面和视野。

"Artificial Intelligence" is a course of undergraduate students in the major of computer science and technology. Through this course, students can understand the development and application of artificial neural network and the hot and important achievements of the current international and domestic research. Understand the composition, working principle and application of artificial neural network, master the basic concepts, basic knowledge, basic methods, basic principles and basic technology of artificial neural network. Enable students to learn the basic knowledge of neural network technology in the course of the study, broaden the knowledge and vision of professional learning.