

课程编号：1713602820

课程名称：现代十大创新奇迹

学分/学时：2/32

先修课程：无

适用专业：全校各专业

课程性质：全校选修

教材：周苏、王硕苹 等著. 《创新思维与方法》. 中国铁道出版社，2016

主要参考书：陈工孟 编. 《创新思维训练与创造力开发》. 经济管理出版社，2016

内容简介：

《现代十大创新奇迹》是面向我校全体学生的一门创新类选修课程，旨在培养大学生的创新精神，提高大学生在创新思维和创新发明领域的能力水平，帮助他们在创新知识、创新方法方面打下基础。课程内容包括创新发明方法的基础知识、世界当代十大创新奇迹的主要创新方法、创新途径和创新点、从事发明创新所需的必备技能和素质、以及一些著名的创新科学家的思维方法。通过世界当代十大创新奇迹的创新点讲解、创新方法分析、创新奇观欣赏，提高学生在创新眼界、知识、技能等方面的能力。课程突出趣味性、真实性、科学性，知识性。开阔学生视野，激发学习兴趣，培养科学素养。本课程通过现代化教学手段教学，加深记忆和理解，带来强烈的视觉震撼。

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Course Description

Course Code: 1713602820

Course Name: Ten Innovation Miracles in Modern Times

Credit/Hours: 2/32

Textbooks : Zhou Su & Wang Shuoping. Creative Thinking and Methods. Chinese Railway Press, 2016

Reference Books : Chen Gongmeng. Creative Thinking Training and Creativity Development. Economy & Management Press, 2016

Jesse Livermore. How To Trade In Stocks. Lixin accounting Press, 2016

#### Course Description:

Ten Innovation Miracles in Modern Times is an elective course for all the students of our university, aiming at cultivating university students' spirits of innovation and invention, improving skills of creativity and invention in future, and laying the foundation for innovation knowledge, capacity and quality. The course covers concepts and basic conditions, routes of innovation and invention, necessary skills and preparations in the field of innovation and invention. Through explanation of Ten Innovation Miracles in Modern Times and innovation points, methods and thinking, university students' horizons, knowledge, ability and skills in the aspect of innovation and invention can be largely improved.