

修学体验：剑桥科技创新营

Cambridge Science & Innovation Course

课程简介 **Course Introduction**

本课程由剑桥大学 CUIS 创新工场的学者们专为科技时代的未来领袖而设计，融合了机械设计与制造、化学工程、电子学和计算机科学等交叉学科，以最浅显易懂的项目入手，让零基础的中学生掌握科技创造的乐趣，并且根据学生的水平进行适当的拓展和提高。同时课程也秉承剑桥大学百年传统课程的精神，将学生的性格探索、自我认知和团队角色扮演融入到课程中去，进而从软硬两方面的实力打造未来的时代领袖。

This course has been designed by Cambridge University Invelopers Society and aims to help ambitious young inventors and developers transform their creative ideas into real products.

Using both software and hardware development techniques with support and guidance from Cambridge professors, Cambridge CUIS members, and access to the University's laboratory facilities.

This course is suitable for interdisciplinary learning in mechanical design and manufacturing, chemical engineering, electronics and computer science, beginning with simpler projects to allow even inexperienced middle school students to learn to enjoy the creation of technology. Students will be able to increase the level of their projects in accordance with the skills and knowledge they are able to demonstrate.

课程项目 **Course Events**

1. 高科技创新与企业家创新讲座
High Tech Innovation & Entrepreneurship
2. 体育项目-拳击&英式橄榄球
Sport Excursions-Boxing & Rugby
3. 剑桥大学正式晚宴
Cambridge University Formal Dinner

4. 学术演讲技巧提升
Academic Presentation Skills Training
5. 演讲与评估
Presentations and Assessments
6. CAD 和 3D 打印
CAD and 3D printing
7. 现代计算机与 C 语言
Modern Computer and C Language
8. 组装
Assembling
9. 闭营仪式暨证书颁发仪式
Closing Ceremony