

课程编号 **Design Appreciation and Design Thinking**

1. 课堂讲授学时 **Lecture Hours** 16h
2. 课堂实验学时 **Laboratory Hours** 16h
3. 课下研讨学时 **Colloquia Hours** 4h
4. 学生课下投入学时 **Individual Study Hours** 4h
5. 学分 **Credits** 2
6. 开课学年学期: No requirement
7. 先修课程 **Prerequisite(s)**: No requirement
8. 课程概要 **Course Description**:

Design is both a specialist discipline and a generalist subject. Rather than try to 'teach' design thinking as an isolated and abstract skill, this course aims to take students through the steps of understanding the world as a designer and how this might be applicable in their own field. This course will enable students of all disciplines to gain a new perspective on the meaning of 'Design Thinking' and to gain useful skills that may be applicable to their own discipline and practice. The course is open to all disciplines but it most likely useful to those from Engineering, Architecture, Science etc. and Design itself.

9. 课程预期学习成果 **Course Outcomes**:

On completion of this course, students will:

- (1) Understand the core processes involved in design for mass manufacture;
- (2) Develop an appreciation of design as it relates to manufactured goods of different kinds;
- (3) Be able to conceptualise ways that design thinking may relate to their own discipline and practice;
- (4) Be able to prototype and communicate these approaches

10. 教学内容与学时分配 **Course Content**: None

11. 考核与成绩评定 **Grading**:

Overall Group concept: Concept and Clarity of Communication 20%

Individual Submission: Choice of Element and Relevance to Main Theme 10%

Evidence of Research and Product Development 40%

Design Resolution and Communication 30%

12. 教材，参考书 **Text & Reference Book:**

13. 编写教师 **Course Lecturer:** Benjamin Hughes

14. 编写教师 **Course Lecturer** (签字):

A handwritten signature in black ink, appearing to read 'B. Hughes', followed by a horizontal line.
