



科目名稱 Course Title	設計思考 Design Thinking			課程代號 Course No.	DAFL-11G-01-A1
開課系級 Department	應用外語學系一年級 A-DAFL-1	學分數 Credit(s)	2	時數 Hour(s)	2
選別 Required or Elective	7-選修	開課別 Duration	半年 第一學期 Required,1st Semester		
授課教師 Instructor	江添財				
缺曠課規定 Attendance Policy	缺曠課時數 (含事 / 病假) 達授課總時數三分之一 (12 小時) 以上者，學期成績以零分計。 Student will receive a semester grade of zero for a course if absences from class exceed one third (12 hrs) of total class hours.				
課程概要 Course Description	<p>本課程提供學生在設計思維學習過程中所使用的各種技術和工具，從而提出解決問題的方法並完成每個企劃。</p> <p>Thinking (DT) is increasingly becoming one of the disciplines like physics or literature studied and researched in universities, expanding its shaping of artworks to the ways how people interact with services, systems and organization. According to Lohr (2015), "a design thinker looks at problems first through the prisms of user' s needs, researches those needs with real people and then builds prototype products quickly." The key concept of design thinking is user-centered, guaranteeing the fulfillment of human needs and satisfaction. The course will introduce and provide students with various techniques and tools employed in the design thinking learning process where they come up with solutions to problems and carry out the completion of each project.</p>				
基本核心能力/系核心能力 Core Competency					
教學目標 Course Objectives	<p>After the completion of this course, students will be able to</p> <ol style="list-style-type: none"> 1. Learn the history and practice of design thinking. 2. Put the design thinking process into application in any field. 3. Operate as a design thinker, understanding users, stakeholders, and the architecture of a system and being able to usability test something. 4. Make a clear and compelling project presentation in English. 				
授課方式 Approach to Instruction	<ol style="list-style-type: none"> 1. This Design Thinking course follows the CDIO framework, enabling students to complete their projects from the stages of conceiving and designing to implementing and finally operating them beyond the classroom and into the real world. 2. This course primarily engages students in group discussions, product design evaluations, and project presentations. 3. The course is conducted in English. 				
課程授課語言 Course language	英語				
是否自編教材 Whether self-edited textbooks	是				

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成績評定 Grading	◎平時評量 50% : 1. Weekly quizzes 2. Assignments 3. In-class tasks 4. Mini-projects ◎期中評量 25% : 1. Online multiple choice testing 2. Group project written/oral report ◎期末評量 25% : 1. Online multiple choice testing 2. Group project written/oral report
教科書與參考書目 Textbooks and References	1. This Is Service Design Thinking: Basics—Tools—Cases by Marc Stickdorn & Jakob Schneider, John Wiley & Sons, Inc. 2. The Field Guide to Human-Centered Design by IDEO. You can download the free PDF from their website. 3. Creative Confidence: Unleashing the creative potential within us all by Tom Kelly & David Kelly
聯絡方式 Contact Info	TEL: 02-25381111#8958 EMAIL: tchiang@g2.usc.edu.tw OFFICE: L7208
備註 Remark	This class follows the CDIO framework, enabling students to complete their projects from the stages of conceiving and designing to implementing and finally operating them beyond the classroom and into the real world.
週次 Weeks	進度內容 Syllabus
1	(09/07~09/13) Intro to the Course/Heraldry/CD
2	(09/14~09/20) Introduction to Design Thinking I/C
3	(09/21~09/27) Introduction to Design Thinking II/CD
4	(09/28~10/04) Introduction to Design Thinking III/CD
5	(10/05~10/11) No Class (Double Tenth Day)
6	(10/12~10/18) DT History & Practice (Good Design)/C
7	(10/19~10/25) No Class (Taiwan Day, Bridge Day)
8	(10/26~11/01) DT History & Practice (Good Design)/C
9	(11/02~11/08) Midterm Exam/IO
10	(11/09~11/15) Guest Lecture/C
11	(11/16~11/22) Midterm Project Presentation/IO
12	(11/23~11/29) Intro to iDESIGN/CD
13	(11/30~12/06) Introduction to DT Tools/Processes I/CD
14	(12/07~12/13) Introduction to DT Tools/Processes II/CD
15	(12/14~12/20) Introduction to DT Tools/Processes III/CD
16	(12/21~12/27) Final Project Presentation I/IO
17	(12/28~01/03) Final/Final Project Presentation II/IO
18	(01/04~01/10) Flexible Week (Online Product Evaluation)/C
19	(01/11~01/31)

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