



# 2023 CYCU SUMMER PROGRAMS II/ALE & II/ELE

INTERNATIONAL INDUSTRIAL/ACADEMIC LEADERSHIP EXPERIENCE PROGRAM  
INTERNATIONAL INNOVATION/ENTREPRENEUR LEADERSHIP EXPERIENCE PROGRAM

**Application Deadline: May 22, 2023**



- Program Format: Face to Face in CYCU, Taiwan
- Program Dates: **July 3, 2023-July 21, 2023**
- Official Language: English
- Program Fee: **FREE for 2, USD1,100 for more**
- Included in each programs:
  - Lectures
  - Sample projects
  - Field trips of 2-day
  - Cultural trips of 2-day
  - Final Presentation/Competition
- 3-credit-hours will be granted.
- Accommodation: Dormitory



# What is II/ALE?

## INTERNATIONAL INDUSTRIAL/ACADEMIC LEADERSHIP EXPERIENCE PROGRAM

-Since 2007. The most popular all-English summer camp on CYCU campus.

Joint effort by

-the **College of Electrical Engineering and Computer Science**

-the **College of Engineering**

-the **Office of International Affairs of Chung Yuan Christian University**

International Industrial/Academic Leadership Experience (II/ALE) Program in the engineering-related disciplines, to be held each summer at Chung Yuan Christian University (CYCU), is intent on bringing the world to Taiwan, with the official language being English – the Program includes lectures, cultural trips, industrial visits, and in-the-lab practicums.

Participating in this Program enhances the student's English proficiency, global perspectives, technical competencies, teamwork spirit, and friendship among the group-participants from several countries in the world.

II/ALE 2023 International Industrial/Academic Leadership Experience (II/ALE) Program Schedule						
SUN	MON	TUE	WED	THU	FRI	SAT
02nd July Arrival	<b>03 Opening</b> 10:00-12:00 Reception / Opening Ceremony  12:00-14:00 Welcome Lunch 14:00-17:00 Lecture 1 Introduction to Taiwan Prof. Dylan Sung (CYCU)	<b>04</b> 09:00-12:00 Lecture 2: How to get ready for Machine Learning (ML) / Deep Learning (DL) Prof. Nengkuang Tu (IBM)  14:00-17:00 Projects	<b>05</b> 09:00-12:00 Lecture 3: Energy Storage Systems to Satisfy the High Energy and High-Power Demands Prof. Deyang Qu (UWM)  14:00-17:00 Projects	<b>06</b> 09:00-12:00 Lecture 4: Prof. Deyang Qu (UWM)  14:00-17:00 Projects	<b>07</b> 09:00-17:00 Projects	<b>08</b> Cultural Trips
09	<b>10</b> 8:30-18:00 Field Trip: ● Industrial Technology Research Institute (ITRI) 工研院展示館 ● TSMC Museum of Innovation 台積電創新館 ● Jhunan Brewery 台灣菸酒公司竹南啤酒廠	<b>11</b> 09:00-12:00 Lecture 5: Multiphase flow/Processing engineering/Microalgae technology Prof. Raymond Lau (NTU)  14:00-17:00 Projects	<b>12</b> 09:00-12:00 Lecture 6: Prof. 智華  14:00-17:00 Projects	<b>13</b> 09:00-12:00 Lecture 7: Global Warming and Climate Change Prof. Sen Nieh (CUA)  14:00-17:00 Projects	<b>14</b> 09:00-17:00 Projects	<b>15</b> Cultural Trips Sun Moon Lake · Formosa Aboriginal Culture Village 日月潭 · 九族文化村
16	<b>17</b> Lecture 8 Power system 101 Prof. David Yu (UWM) 哲  09:00-17:00 Projects	<b>18</b> 08:00-18:00 Field Trip: ● ShuehShan Tunnel Exhibition Museum 雪山隧道文物館 ● LANYANG Museum 蘭陽博物館 ● Pacific Cycles Museum 太平洋自行車博物館	<b>19</b> 09:00-12:00 Lecture 9 Integrating Sustainable Development into Chemical Engineering Prof. Sin Moh Cheah (SP)  14:00-17:00 Projects	<b>20</b> 09:00-17:00 Projects  Deliver the final project report, including digital files, hard copies, and research notebook.  Deadline: Before 4:00pm	<b>21 Closing</b> 09:00-12:00 Projects 13:30-17:00 Project Presentation Chuang Ching Building 206/105 (莊敬 206/莊敬 105)  18:00-18:30 Awarding Ceremony ● 皇帝廟餐廳 18:30-21:00 Farewell Dinner ● 皇帝廟餐廳	July 22 or 23 Departure



# What is II/ELE?

## INTERNATIONAL INNOVATION/ENTREPRENEUR LEADERSHIP EXPERIENCE PROGRAM

-Since 2012

Joint effort by

-the **Office of Innovation & Entrepreneurship Center**

-the **Office of International Affairs of Chung Yuan Christian University**

This program involves experts and mentors from the industry leading students from design thinking to business lecture workshops, business consulting, and startup sharing.

The project themes are based on the Sustainable Development Goals (SDGs) of the United Nations and aim to solve the world's problems with innovation and entrepreneurship.

2023 The International Innovation & Entrepreneur Leadership Experience Program Schedule						
SUN	MON	TUE	WED	THUR	FRI	SAT
July	3 10:00-12:00 Reception/ Opening Ceremony 12:00-14:00 Welcome Lunch& group time 14:00-17:00 Introduction to Taiwan	4 09:00-12:00 13:30-16:30 Lecture 1-2 : [Design Thinking]	5 09:00-12:00 13:30-16:30 Lecture 3-4 : [Business Model & Market Validation]	6 09:00-12:00 Field Trip 1: Hutoshan Innovation Hub 13:30-16:30 Project 1	7 09:00-12:00 Business Model Meeting 13:30-16:30 Market Validation Meeting	8 6:30-21:00 Culture trip 1
9	10 09:00-12:00 Lecture 5: SDG Lecture Series 13:30-16:30 Project 2	11 09:00-12:00 13:30-16:30 Lecture 6-7: [Business Plan]	12 09:00-12:00 13:30-16:30 Lecture 8-9: [Business Slides]	13 09:00-12:00 Field Trip 2:Taoyuan Youth Commander 13:30-16:30 Project 3	14 09:00-12:00 Business Plan Meeting 13:30-16:30 Business Slides Meeting	15 6:30-21:00 Culture trip 2
16	17 09:00-12:00 Lecture 10: SDG Lecture Series 13:30-16:30 Project 4	18 09:00-12:00 Lecture 11: SDG Lecture Series 13:30-16:30 Project 5	19 09:00-12:00 13:30-16:30 Counseling Time	20 09:00-12:00 13:30-16:30 Project 6	21 09:00 ~ 12:00 Project 7 13:30 ~ 16:30 Competition 18:00-21:00 Closing Ceremony Farewell Dinner	22



# Summer Programs in CYCU

## About CYCU (Chung Yuan Christian University)

- Established in **1955** based on Christian's love, faith, and hope
- Located in Chung Li, **Taiwan**

These programs are a mix of international and local CYCU students grouped with international affiliate schools from the United States, the Philippines, Indonesia, Japan, South Korea, and Mainland China.

These **3-week** programs include classroom lectures, visits to corporate sites, cultural experiences, and field trips to historical and spectacular places in Taiwan. By participating in these programs, international students will have many chances to much understand the dynamic aspects of the past, present, culture, industry, and business of the Taiwanese Society.

**Application Deadline:**  
**May 22, 2023, 11:59 PM**  
**(Taiwan Standard Time)**

