

# ISE1D01

## LEARNING FOR A SUSTAINABLE FUTURE

香港理工大学—南昌大学暑期联合课程：  
可持续发展课程 2023-24

### CAR-D Subject

Subject leader: [Dr. Zaixin Song](#)

Email: [zaixin.song@polyu.edu.hk](mailto:zaixin.song@polyu.edu.hk)

Department of ISE

The Hong Kong Polytechnic University



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# Objectives & Learning Outcomes

- Upon completion of the subject, students will be able to:
  - ✓ Develop an understanding of the emerging concepts of sustainable development
  - ✓ Develop an understanding of the interrelationships among selected sustainable development issues
  - ✓ Analyze the value base behind a range of different interpretations of sustainable development
  - ✓ Develop key competencies in sustainability, such as problem solving, linking knowledge to action, and the ability to collaborate successfully with experts and stakeholders that have a vested interest in sustainable development
  - ✓ Appreciate the differences of approach to sustainable development between Hong Kong and a selected City China



# Objectives & Learning Outcomes

## 南昌 *Nanchang*



- Selected Mainland City –
  - *Nanchang (Nanchang University)*
- Course Period – 2023/24 Sem 3
  - *Two weeks (In July as 2023 exercise)*
- Credit Obtained – *Three (3')*
- Level – *Year 1~2*

# Assessment Methods

- Course Delivering Pattern –
  - *Lectures/Seminars*
  - *High-tech Cooperation Study*
  - *Site Visits*
- **Requirements –**

CAR (A): Human Nature, Relations and Development

CAR (B): Community, Organisation and Globalisation

CAR (C): History, Cultures and World Views

**CAR (D): Science, Technology and Environment**

There are three requirement attributes in this CAR:

- |   |           |
|---|-----------|
| <input type="checkbox"/> China Studies Requirement (CSR)                  | <b>NO</b> |
| <input type="checkbox"/> Chinese Reading and Writing (CR/CW) Requirements | <b>NO</b> |
| <input type="checkbox"/> English Reading and Writing (ER/EW) Requirements | <b>NO</b> |

# Assessment Methods

## ■ Assessment / Grades

Specific assessment methods/tasks	% Weighting
1. Tests (Surveys/Questionnaires)	20%
2. Research Essay	30%
3. Individual Reflective Journal	10%
4. Group Project Report	30%
5. Project Oral Presentation	10%
<b>Total</b>	<b>100%</b>

# Overview of Outbound Trip

- Funded by the China Ministry of Education
- Take High-speed Rail
  - *To Nanchang and Return Hong Kong*
- Live in at least a 4-Star Hotel
- Intercity travel by shuttle buses to and from the hotel and campus/attractions throughout the course period





# Selected Site Visits

江西省博物馆  
Province Museum



江西省科技馆 Province  
Sci&Tech Museum



江西省图书馆  
Province Library



八大山人纪念馆  
Bada Shanren Memorial Hall



鹰潭·龙虎山  
Yingtán · Longhu Mountain





# Selected Site Visits

中国牡丹亭文化园  
China Peony Pavilion  
Cultural Park



小平小道纪念馆  
Xiaoping Trail  
Memorial Hall



江西省科学院 科技战略研究所  
Jiangxi Academy of Sciences



梅岭·狮子峰  
Meiling · Lion Peak



方志敏烈士陵园  
Fang Zhimin Martyr Cemetery



# Selected High-tech Cooperation Visits

京东亚洲一号南昌向塘物流园  
JD Asia No. 1 Logistics Park



江西省水利投资集团有限公司  
Jiangxi Water Conservancy Investment Co. Ltd.



南昌固废处理循环经济产业园  
Solid Waste Treatment Economy Industrial Park



绿地VR科创城的国际虚拟仿真教学中心  
VR Sci&Tech Innovation Centre



# Schedule

■ Period (This year) → **30-Jun ~ 14-Jul**

■ Detailed Schedule (Last Year)

## First Week

Date/Time	July 9 周日 (Sunday)	July 10 周一 (Monday)	July 11 周二 (Tuesday)	July 12 周三 (Wednesday)	July 13 周四 (Thursday)	July 14 周五 (Friday)	July 15 周六 (Saturday)
上午 (9: 00-11: 30)	报到, 入住, 熟悉环境。	开学典礼 课程简介 学生分组 (信工 E501)	江西省博物馆 江西省科技馆	省科学院科技战略研究所参观+讲座	抚州-实地考察 1 家企业+ 参观新农村建设+文昌里, 住龙虎山; 第二天早上去 鹰潭龙虎山参观学习, 晚上 回南昌		1. 分组讨论: (信工 E501)
下午 (2: 30-5: 00)		吴焯博士, Jointly building a community with a shared future in cyberspace and promoting sustainable social development (信工 E501)		参观八大山人纪念馆			1. 学生交流活动; 2. 各小组报告准备与讨论时间。 3. 自行安排。
晚上		1. 学生交流活动; 2. 各小组报告准备与讨论时间。3. 自行安排					/



# Schedule

■ Period (This year) → **30-Jun ~ 14-Jul**

■ Detailed Schedule (Last Year)

## Second Week

Date/Time	July 16 周日 (Sunday)	July 17 周一 (Monday)	July 18 周二 (Tuesday)	July 19 周三 (Wednesday)	July 20 周四 (Thursday)	July 21 周五 (Friday)	July 22 周六 (Saturday)
上午 (9: 00-11: 30)		黄娇教授, Information Technology and Sustainable (信 工 E501)	江西省图书馆参 观+讲座	易岚博士, Quality of Managers in the Internet Age (信工 E501)	实地考察江 西省水利投 资集团有限 公司	朱志娟教 授, Theory and Practice of Sustainable Development Strategy (信 工 E501)	1.活动总 结; 2.总测验; 3.各组展 示; 4.结业典 礼。
下午 (2: 30-5: 00)	1. 学生交流 活动; 2. 各小组报 告准备与讨 论时间。 3.自行安排	实地考察京东亚 洲一号南昌向塘 物流园	参观梅岭狮子峰 景区	实地考察绿 地 VR 科创 城的国际虚 拟仿真教学 中心	参观方志敏 烈士陵园+ 小平小道纪 念馆	实地考察南 昌固废处理 循环经济产 业园	
晚上	1.学生交流活动; 2.各小组报告准备与讨论时间。3.自行安排。					惜别晚会	

# Associated Topics



- Energy Conservation
- Carbon Reduction & Climate Change
- National Land and Resources
- Biodiversity
- Energy and Production
- Transportation and Livelihood
- Urban and Rural Development
- Health and Welfare
- Education and Promotion

# Feedback & Sharing

## ▼ 滕王阁 Teng Wang Tower



## ▲ 象鼻山 Xiangbi Mountain Hiking



# Feedback & Sharing

## ● 昆曲 Kun Opera



# Feedback & Sharing



- 鷹潭市 竹筏漂流 Drifting / Water Competition at Yingtan City



# Feedback & Sharing



▲ Outdoor Night Show



◀ Experience VR

Gathering ▶



# Feedback & Sharing



## ◀ 八大山人纪念馆 Bada Shanren Memorial Hall

## 虚拟现实应用体验 ▶ VR Practice





THANK YOU FOR LISTENING

Q & A Session

