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

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The Hong Kong Polytechnic University





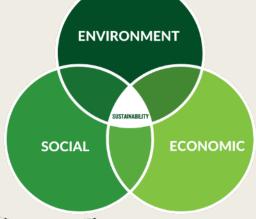
Contents

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- Overview of Outbound Trip
- Associated Topics
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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







- 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:	
☐ China Studies Requirement (CSR)	NO
☐ Chinese Reading and Writing (CR/CW) Requirements	NO
English Reading and Writing (ER/EW) Requirements	NO





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%
Total	100%



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









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)		开学典礼 课程简介 学生分组 (信工 E501)		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)	报到,入 住,熟悉环 境。	吴畑博士, Jointly building a community with a shared future in cyberspace and promoting sustainable social development (信工 E501)	江西省博物馆 江西省科技馆	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			· 2. 各小组报告准备与讨论时 引。3.自行安排				/





Schedule

- Period (This year) → 30-Jun ~ 14-Jul
- Detailed Schedule (Last Year)

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)	1. 学生交流	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
下午 (2: 30-5: 00)	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	55; 2.总测验; 3.各组展 示; 4.结业典 礼。
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	

Second Week





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

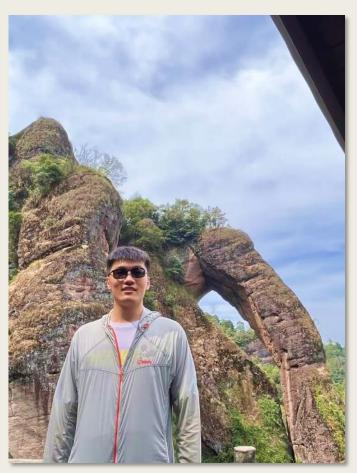






▼ 滕王阁 Teng Wang Tower





▲ 象鼻山 Xiangbi Mountain Hiking



















Gathering ►

▲ Outdoor Night Show





◄ Experience VR



◀ 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