COURSE DETAIL

SUSTAINABLE DEVELOPMENT
Country Hong Kong
Host Institution Hong Kong University of Science and Technology (HKUST)
Program(s) Hong Kong University of Science and Technology
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Environmental Studies
UCEAP Course Number 110
UCEAP Course Suffix
UCEAP Official Title SUSTAINABLE DEVELOPMENT
UCEAP Transcript Title SUSTAINABLE DEVELOP
UCEAP Quarter Units 4.50
UCEAP Semester Units 3.00

Course Description
Sustainable development integrates improvements in human welfare with improvements in the health of the environment. It is societies attempt to solve the degradation that economic and social development has imposed on the environment. To solve environmental crises such as climate change, pollution, or destruction of biodiversity we need to integrate environmental practices into all our activities, pulling together new technologies, lifestyles, economic theories and business practices, and government policies. This course looks at how this process of integration works at the international, national, and municipal levels and from the organization perspectives of different industrial sectors, businesses, and communities. On the completion of this course, students will be able to: Integrate the principles and goals of sustainable development into sustainability efforts; Analyze and critique existing socio-technical systems for environmental performance; Explore, critique and apply options for transitioning socio-technical systems to achieve better environmental performance; Design approaches for collective action problem solving and coordination among stakeholders; Gain knowledge of several Hong Kong socio-technological systems that will be of future use in Hong Kong and elsewhere. Develop and use the skills and competencies of a sustainability professional. The course is built around group-based projects on Hong Kong's socio-technological systems. The projects integrate knowledge and skills drawn from a main text and supplemental readings. Group Demonstration 10% Individual Reading Assignments (2 x 5%) 10% Group Project Presentation 10% Report (group integration component) 15% (individual component) 25% Final Exam 30%

Language(s) of Instruction
English

Host Institution Course Number
ENVR3110

Host Institution Course Title
SUSTAINABLE DEVELOPMENT

Host Institution Course Details

Host Institution Campus HKUST - Science
Host Institution Faculty
Host Institution Degree
Host Institution Department Environment
Course Last Reviewed

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