Subject Description Form

Subject Code	CSE30324
Subject Title	Global Study on Civil Engineering and Sustainable Development
Credit Value	1 Training Credit
Level	3
Pre-requisite/ Co-requisite/ Exclusion	Prerequisite: Nil
Objectives	This subject aims to enhance students' knowledge about the current practices and the latest developments in the field of civil engineering and sustainable development in other countries/ cities. Through a substantial non-local learning experience, students would develop the capacity for understanding different cultures and social development needs, and reflect on their professional responsibilities to society, their own nation, and the world. Furthermore, this subject also provides an opportunity for students to organize a study project, to learn to work and contribute to a team.
Intended Learning Outcomes	Upon completion of the subject, students will be able to: a) Demonstrate understanding to the current practices and latest developments in the field of civil engineering and sustainable development in Hong Kong and the selected country/ city; b) Compare and contrast different aspects of civil engineering and sustainable development between Hong Kong and the selected country/ city; c) Show awareness in how a country's culture, social development may have affected the current practices, reflect on their professional roles and responsibilities to society, nation, and the world; d) Demonstrate organization skills, time management, teamwork, and effective communication with different parties.
Subject Synopsis/ Indicative Syllabus	Students will plan and undertake a substantial non-local learning experience that will enable them to investigate and compare the current practices and the latest developments in the field of civil engineering and sustainable development in Hong Kong and the selected country/ city. Students will submit a written report and perform an oral presentation as evidence of learning.
Teaching/Learning Methodology	Students in groups **(at least 4 students in a group)** will plan and undertake a non-local learning experience that will enable them to investigate and compare the current practices and the latest developments in the field of civil engineering and sustainable development in Hong Kong and the selected country/ city of students' choice. Through interaction with the local people/ professionals, students will be able to raise their awareness on how a country's culture, social development may have affected the current practices, and reflect on their professional responsibilities. To meet the learning objectives, the learning experience should:

1. Involve a physical stay of at least **7 days** *(for students admitted to 4-year undergraduate programme with effect from 25/26)* or **3 days** *(for other students)*, at an approved destination outside of Hong Kong; AND
2. Include substantial direct interaction with the local people/ professionals; AND
3. be relevant to civil engineering/ sustainable development and the student's major studies.

Each group will need to submit a **study proposal** detailing the city of their choice, the rationale behind choosing this destination, the proposed study theme, and the proposed itinerary for approval by the assigned supervisor. The group needs to report to the supervisor on the progress in organizing the non-local learning experience in consultation meetings, whereas one consultation meeting must be held 1 week prior to the trip.

At most 4 weeks after the tour, a **written report** (group) and a **presentation** (group) needs to be submitted and will be assessed by the subject lecturer. **Individual performance** will be assessed by the supervisor through direct observation.

The subject lecturer will assume the role of overall coordination. Each student group will be assigned a supervisor, who will provide guidance on the planning and execution of the non-local learning experience under the principle of minimum-intervention. Students will take major responsibilities in preparing and organizing their non-local learning experience, which will enhance students' generic skills such as organization, time management, teamwork, and communication.

Alternative modes of completion
Apart from self-planned group study tours mentioned in the above, students may fulfil the subject requirement by undertaking other forms of non-local learning experience that also fulfils the subject's learning objective and basic requirements. Examples include semester exchange, non-local internship, study tours, conferences/ competitions, relevant CAR/ Service-learning subjects, etc. Students will also need to submit a proposal for approval, and written report and presentation as evidence of learning.

Students are strongly advised to attend briefing sessions and refer to the latest information posted on CEE Student Intranet for operational arrangements of this subject.

Assessment Methods in Alignment with Intended Learning Outcomes

Specific assessment methods/tasks	% weighting	Intended subject learning outcomes to be assessed (Please tick as appropriate)			
		a	b	c	d
Study proposal + Individual Performance	20%				√
Written report (individual/ group)	40%	√	√	√	
Oral presentation (individual/ group)	40%	√	√	√	
Total	100 %				

	Explanation of the appropriateness of the assessment methods in assessing the intended learning outcomes: The study proposal is an initial plan that facilitates the discussion between the student group and the supervisor to ensure the non-local learning experience is designed to achieve the intended learning outcomes and satisfy the subject requirements. Individual contributions in organising the group-based trips are also assessed, if applicable. The written report (40%) and oral presentation (40%) are primary evidence to demonstrate students' learning throughout the process of organization and execution of the non-local learning experience, including their understanding to the civil engineering and sustainable development in Hong Kong and the selected country/ city (ILO a), ability to compare and contrast the similarities and differences in specific aspects (ILO b), and awareness of how culture or social development has shaped the current practices and reflect on their own professional roles and responsibilities (ILO c). The submission format (individual/ group) depends on the nature of the non-local learning experience, students should refer to the detailed subject guidelines. Students' development and performance in generic competence such as organization, time management, teamwork, and communication may vary substantially within the student group, these aspects will be evaluated by the supervisor through direct observation during the preparation stage and in the tour. **This subject is graded on pass or fail only.**	
Student Study Effort Expected	Class contact:	
	▪ Induction	2 Hrs.
	▪ Consultation	4 Hrs.
	▪ Oral Presentation	2 Hrs.
	Other student study effort:	
	▪ Preparation and organization of study	16 Hrs.
	▪ Preparation of report and presentation	16 Hrs.
	Total student study effort	40 Hrs.
Reading List and References	Not applicable. Students are expected to identify appropriate reference sources to facilitate their learning.	