

An assessment framework used for the University of Hong Kong (HKU) Sichuan Reconstruction Project (Chan, 2012)

The HKU Sichuan Reconstruction Team was formed by engineering students and faculty members in 2009 to contribute to post-quake reconstruction. The team consisted of teachers, staff, and 43 undergraduate students (two-thirds were from the Faculty of Engineering). Students were divided into teams according to their expertise. Guided by faculty and community members, students were involved in activities such as designing and building a solar energy system, installing satellite TV & multimedia classrooms system, implementing e-learning software and educating local teachers.

Learning Outcomes

1. Apply enduring life-long skills, such as planning communication & team building with a variety of age groups & types of people.
2. Apply prior academic knowledge and life experiences to service others in need.
3. Develop skills on how to think out of the box and problem solve in real-life situations.
4. Develop intercultural understanding & awareness of other cultures.
5. Develop the capabilities of critical self-reflection and greater understanding of others, upholding personal & professional ethics.

Assessment framework

Assessment	Aligned learning outcomes (see list above)	Assess through	Assessed by	Weighting
Pre-trip 1-page on learning expectations	5	Their expectations of the project	CETL staff (teaching & learning staff)	10%
Presentation	1	Performance of the presentation in the interflow conferences	EEE teachers, teachers in Sichuan, peers	25%
Daily reflective journal (1-page)	4, 5	Content & quality	EEE & CETL teachers	5% X 5 days
Summative report to be submitted after the trip (2000 words)	2, 3	Content & quality	EEE & CETL teachers	20%
Performance in team building activities	1, 2, 3	Cooperation & management	Professional assessors in Sichuan	10%
Daily performance at the university & Sichuan	1, 2, 3	Initiative to learn & contribute	Team supervisors	10%

CETL = Centre for Enhancement in Teaching & Learning

EEE = Electrical & Electronic Engineering

Reference

Chan, C.K.Y. (2012). Assessment for community service types of experiential learning in the engineering discipline. *European Journal of Engineering Education*, 37(1), 29-38.