The Hong Kong University of Science and Technology

UG Course Syllabus Template

ENGG1900 Service Learning Program

[Course Title] STEAM Tutor Development

[Course Code] ENGG1900

[No. of Credits] 1

[Any pre-/co-requisites] N/A

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Course Description

This course is designed for developing the soft and hard skills of the STEAM tutors through various STEAM activities. The tutors are required to assist in organizing and developing workshops for the youngsters of different social backgrounds and needs in the community.

Learning goals and objectives for HKUST undergraduate students enrolled in this project are:

- To develop mentoring skills in a STEM workshop and transfer related STEAM knowledge to the selected group of students.
- To analyze the limitations faced by the served group (i.e., primary and secondary school students, South Asian youths, students with special educational needs).
- To facilitate STEAM-related workshops as educators for the served community group.
- To engage actively in team discussions and decision-making processes.
- To compose a written report summarizing the work at the end of the project.

Course requirement for the HKUST undergraduate students enrolled in this project are:

- Each student is required to submit a self-reflective paper, which must include a minimum of six digital photos taken throughout the project. Additionally, a program and peer evaluation form must be completed.
- At the end of the project, each group will deliver a brief presentation covering their project outcomes and post-event recommendations.
- All students must attend all training sessions and contribute as mentors for a minimum of eight service hours.
- Students are expected to adhere to agreed-upon deadlines and demonstrate punctuality and thorough preparation in all interactions.

Assessments:

This is a 1-credit course, graded Pass or Fail.

Assessment Task	Contribution to Overall Course grade (%)
Services in the community	40%
Course works during sessions	40%
Peer evaluation	10%
Self-reflective report	10%

Required Texts and Materials

N/A

[Optional] Additional Resources

N/A