

# The Hong Kong University of Science and Technology

## UG Course Syllabus

[Course Title] Environmental Impact Assessment

[Course Code] CIVL4430

[No. of Credits] 3

[Pre-requisites] - CIVL 1140 or CIVL 2410

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### Course Description

[Environmental Impact Assessment (EIA) is one of the area courses required by the Hong Kong Institution of Engineers (HKIE). In Hong Kong, the EIA Ordinance went into effect in 1998. Under the EIA Ordinance in Hong Kong, all designated projects must go through the EIA procedure, and most project applicants are required to submit EIA reports to the Hong Kong Environmental Protection Department (EPD). EIA has been mandated by environmental laws in over 100 countries or regions. The objectives of this course are to encourage consideration of the environment in the planning and decision-making process so that adverse impacts on the environment can be avoided, minimized or mitigated; to introduce the conceptual framework of EIA planning and management, the methods for impact identification, and the contents of environmental setting description; to illustrate in detail the quantitative/qualitative methods for prediction, assessment and mitigation of air impact, water impact, noise impact, biological impact, and visual impact; and to provide guidance for preparing EIA reports in accordance with the EIA Ordinance of the Hong Kong Environmental Protection Department.]

### Assessments:

Assessment Task	Contribution to Overall Course grade (%)
Attendance	5%
Homework	10%
Examination	85%

### Required Texts and Materials

[Lecture notes will be provided.]

### [Optional] Additional Resources

[None]