# Global Learning Initiatives Program Course Syllabus

Please complete the following form in English. The information will be updated to the Global Learning Initiatives Program website for students' reference. If you will be offering more than one course, please fill out one form per course offered. Examples in grey.

## Course Information

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| **Course Name** <br> *provide the **English** course name of the course. | Search Engines for Web and Enterprise Data |
| **Lecturer(s)** <br> *provide the lecturers' **English** name. If there are more than one lecturer, please indicate all lecturers in the column. | Prof. Kenneth LEUNG |
| **Course Description** <br> *briefly describe the contents covered in the courses. | Text retrieval models, vector space model, document ranking, performance evaluation; indexing, pattern matching, relevance feedback, clustering; web search engines, authority-based ranking; enterprise data management, content creation, meta data, taxonomy, ontology; semantic web, digital libraries and knowledge management applications. |
| **Course Objectives** <br> *list out knowledge or skills students should acquire upon completion of course. | Please click here for the course syllabi. The syllabi is for reference only. Syllabi are subject to changes and adjustment to fit the teaching as deem appropriate by the course instructors. |
| **Suggested Proficiencies** <br> (if any) <br> *list preferred knowledge or skills students should have before taking the course. | Prerequisite(s): COMP 2011 OR COMP 2012 OR COMP 2012H, or equivalent. <br><br> Please refer to HKUST UG Course Catalog for details (https://prog-crs.hkust.edu.hk/ugcourse/2022-23/COMP). |

| Reading List (if any) *list out the textbooks, references, or other reading materials. | - |
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| **Grading Criteria** *how would the students be assessed during the course. | Assignments 25% Group Project 25% Midterm Exam 15% Final Exam 35% **Subject to changes and adjustment to fit the teaching as deem appropriate by the course instructor** |

**Course Schedule**

Please complete the following table with the dates and expected course topics. If there are more than one lecturers instructing the course, please also indicate the lecturer for each class.

| Class | Date (YYYY/MM/DD) | Course Topic | Lecturer |
|---|---|---|---|
| 1 | Asynchronous | Please click here for the course syllabi. The syllabi is for reference only. Syllabi are subject to changes and adjustment to fit the teaching as deem appropriate by the course instructors. | Prof. Kenneth LEUNG |