

Zarqa University
Faculty of Information Technology
Internet Technology Department
I-Tech



جامعة الزرقاء
كلية تكنولوجيا المعلومات
قسم تكنولوجيا الانترنت

Course Description

Prerequisite	Course name	Course no
1502351	Search Engine Construction	1504483

An introductory course on web–searching. Information vs data retrieval. The architecture of a search engine. Web crawling. Processing text (tokenization, stemming, stopwords, link analysis and markup). Ranking algorithms based on indexes and links (eg. Kleinberg's HITS, Google's PAGERANK). Retrieval Models. Search engine evaluation. Case studies (e.g. Google cluster architecture).