

(SYLLABUS)

1.

(Course Title)		(Instructor)				
(Year)	2018	(Semester)	2	(Course No.)	2150047701	
(Class)	01	(Open to)	4 ,	(Course Classification)	- / - . / - .	
(Credit)	3		03		100	
(Office)		(Telephone)		(e-mail)		
	(, (FL)					
	(*) (ABEEK Classification)			(*) (ABEEK Requirement)		
(Course Description)	가 , . NoSQL XML		가 . 가 , . 가 . 가 .	가 . 가 . 가 . 가 .		

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XML	

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50	50

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(Required Texts)	()	* / III / / 2018

2.

(Week)	(Keyword)	(Description)	(Texts)
01		orientation, lecture overview	0
02	Boolean retrieval model	information retrieval, inverted index, query	1
03	Boolean retrieval model	query optimization, intersection, union	1
04	Document processing	tokenization, normalization, skip pointers	2
05	Document processing	phrase queries, directories, wildcard queries	2
06	Ranked retrieval model	ranked retrieval model, term frequency	3
07	Ranked retrieval model	df-idf weighting, vector space model	3
08	Evaluation	evaluating search engines, assessing relevance	4
09	Evaluation, midterm-exam	result presentation	4 ,
10	XML basis	Introduction to XML, XML basis, DTD, XML schema	5
11	DB approaches to XML	XPath, XQuery, DOM	6
12	DB approaches to XML	Application program interfaces, storage of XML data, SQL/XML	6
13	IR approaches to XML	DB vs IR, issues in XML IR, vector space model for XML	7
14	Web search basis	web searching, advertising, search engine optimization	8
15	Web crawling	web crawler, duplicate detection, URL normalization	9
16	Web crawling	final exam	9 ,

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/	Open-ended problem		
	Teamwork		
	Communication skills		