

(SYLLABUS)

1. (*)

Item with (*) are only for the ABEEK Program.

(Year)	2016		(Semester)	1	
(Instructor)			(Course Title)		
(Course No.)	2150693101	(Class)	01	(Course Classification)	- / -
	100				
(Open to)		(Credit)	3	(Class hour per week)	3
(*) (ABEEK Classification)		(*) (ABEEK Requirement)		(Department)	
(Office)		(Telephone)		(e - mail)	
(*) (Teaching Assistant)		(*) (Office Hour)			
(Course Description)	Spark				
(Ssq)	(Course Objectives)				
1					
(Lecture Type)	(80 %)	(00 %)	(20 %)	(00 %)	
가 (Course Grading)	(30%)	(50%)	(20%)		
(Required Texts)	* /http://ampcamp.berkeley.edu/ * /http://web.stanford.edu/class/cs227/ * /http://www.cloudera.com/content/cloudera/en/training/courses/udacity/mapreduce.html				
(*) (Bulletin Board)					
(*) (Prerequisite Courses)					

2.

(Week)	(Keyword)	(Description)	(Texts)	(Note)
1	Introduction	Big data		
2				
3				
4		backward : forward		
5	Commonsense	Commonsense default , temporal		

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(Week)	(Keyword)	(Description)	(Texts)	(Note)
6				
7		Hadoop, Mapreduce		
8	MapReduce	Mapreduce		
9				
10	Spark Introduction	Spark platform		
11	RDD	RDD Concept RDD Generation		
12	RDD Manipulation	RDD Transformation RDD Action		
13	Spark SQL	Spark SQL Concept Spark SQL		
14	Spark GraphX	Graph - based Big Data Processing		
15				
16				

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