

(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 ,						
(Ssa)	(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		: forward backward		
5	Commonsense	Commonsense temporal	default ,	

(SYLLABUS)

(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				

(SYLLABUS)

3.

가 (*)

				가	
	,	,	,	가	
		,	,		

(SYLLABUS)

4.

(*)