

Content

Course Code	Course Name	Semester	Theory	Practice	Lab	Credit	ECTS
INF360	Database Management and Security	6	3	0	0	3	4

Prerequisites	
Admission Requirements	

Language of Instruction	
Course Type	
Course Level	Bachelor Degree
Objective	
Content	
References	

## Theory Topics

Week	Weekly Contents
1	Introduction to distributed data architects and management
2	Schema, Table, Index, Views management and user authorizations
3	Database mirroring and replication
4	Database backup techniques
5	Data recovery techniques
6	Fundamental principles of database security (1/2)
7	Fundamental principles of database security (2/2)
8	Midterm Exam
9	Data security policies and life cycle
10	Technical Visite to IBM Data Center
11	Database violation (1/2)
12	Database violation (2/2)
13	SQL Injection
14	Database security test