SU DEPARTMENT OF COMPUTER SCIENCE SYLLABUS (Tentative)

COSC 386 Database Design and Implementation

Course Description

Introduction to the relational database model, date integrity, database management systems, high level database design technique, SQL database query language, relational algebra, data normalization, transactions in SQL, and web development of online database using PHP.

Prerequisites

- Data Structures &10T7 TJ 0 Tw 37.31 0 Td ( )Tj EMC /P <</MCID 22 >>BDC /TT3 1 Tf 0.009 Tc -0.009 Tw -3

	1
Online Database Programming Using PHP	2
Design Theory – Normalization	2
Transactions in SQL	1
Project Presentation	1
	14

Evaluation

- Homework, Labs, and Project — 35 í 45%
- Midterms and Final Exams
- Quizzes and In-class Exercises — 10%