

**DE LA SALLE UNIVERSITY - DASMARINAS**

**COLLEGE OF SCIENCE AND COMPUTER STUDIES**

**INFORMATION TECHNOLOGY DEPARTMENT**

**COURSE SYLLABUS**

COURSE CODE : S-ITPC 121

COURSE TITLE : FUNDAMENTALS OF DATABASE SYSTEMS

COURSE TYPE : LECTURE

COURSE CREDIT : 2 UNITS

LEARNING MODALITY : TRADITIONAL

PRE-REQUISITES : NONE

CO-REQUISITES : S-ITPC 121LA

PROFESSOR : MS. AZENITH R. MOJICA

: MONDAY AND TUESDAY 2:00-5:00

: COS 100-C

: (046) 4811900 LOCAL 3134

: ARMOJICA@DLSUD.EDU.PH

**COURSE DESCRIPTION:**

This course prepares the students to acquire the skills on creating, analyzing, and designing databases. This will help increase their understanding of the essentials of database modelling and design, the languages and facilities provided by the database management systems and system implementation techniques.

**COURSE LEARNING OUTCOMES:**

CLO1 . Understand data models, schemas, instances, and their applications in the real world

CLO2 . Design effective database schemas using Entity Relationship Diagram (ERD).

CLO3 . Convert conceptual model into relational schema.

CLO4 . Perform effective data management procedures.

CLO5 . Perform effective logical database design.

CLO6 . Demonstrate 21st century skills in all learning activities.