>CSLO TO PSLO MAPPING<

PSLO 1

Analyze business data needs and determine how to best organize and store the data in logical, secure, and accessible structures.

COSA2, SLO1: INTRODUCED

Demonstrate critical thinking abilities in the context of computer technology.

COSA2, SLO2: INTRODUCED

Utilize computer applications to identify, analyze, diagram and evaluate arguments.

COSA2, SLO3: INTRODUCED

Analyze deductive and inductive arguments.

COSA2, SLO4: INTRODUCED

Construct and enhance arguments utilizing multiple software programs.

BCOM15, SLO1: REINFORCED

Analyze effective written and oral principles and techniques used throughout the communication process.

BCOM15, SLO2: REINFORCED

Apply effective written, oral, and nonverbal communication techniques to organizational situations.

COSA25, SLO1: REINFORCED

Understand the properties of a relational database.

COSP38, SLO1: MASTERED

Summarize the concepts and current technologies of database management systems (DBMS).

PSLO 2

Demonstrate the ability to provision, install, and test in-house and cloud-based database solutions.

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COSA25, SLO2: INTRODUCED

Create and modify database objects using Microsoft Access.

COSA250, SLO1: INTRODUCED

Summarize and diagram the concept of Cloud Computing.

COSP237, SLO1: REINFORCED

1. Use the SQL database language to create functions, procedures, triggers, and other programs to create store, retrieve, and manipulate data in a relational database environment.

COSP238, SLO2 REINFORCED

Apply relational data modeling techniques to analyze data and the creation of a logical design of database.

COSP238, SLO3: MASTERED

Write basic Structured Query Language (SQL) programs to retrieve information and create tables and other objects in the database.

PSLO 3

Implement best practices of database management systems from the perspective of the database administrator.

COSA25, SLO3: INTRODUCED

Evaluate the structure of an existing database for effective design.

COSA205, SLO2: INTRODUCED

Develop, implement, and operate shell programs (scripts) that incorporate interfaces to Linux system and user applications.

COSA205, SLO1: REINFORCED

Create, manipulate, organize, and protect files, using the Linux file system hierarchy, commands, and security architecture.

COSA205, SLO3: REINFORCED

Articulate and demonstrate a working knowledge of the Linux system structure and programs in preparation to learn Linux server administration.

COSN250, SLO2: REINFORCED

Set up and manage a private Cloud.

COSP38, SLO4: MASTERED

Differentiate between and explain the functions of database administration.

NOT SELECTED FOR MAPPING: COSW30, SLO1; COSW, SLO2; COSW, SLO3