# CIS210 Database Management and SQL

## Key Terms Chapters 1-3

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| Chapter 1  Attribute – Characteristics of an entity  Database – Structure that stores information of multiple types of entities  Database Administrator (DBA) – acts as the manager between the Database Operations Manager (DM) and staff who tracks the integrity of the project setting policies or certain procedures that meet the DM’s or company’s needs.  Database Design – The process in determining the content and structure of data in a database utilized by a user or a group of users.  Database Management System (DBMS) – a collection of programs which users can interact with a database with.  Entity – A person, place, object, event, or idea for which to want to store and process data  Entity-Relationship Diagram (ERD) – a graphical view of the database design.  Field – a characteristic or property of an entity, also known as an attribute or a column.  Integrity – Ensures that no data is lost during reconstruction of the database  One-to-Many Relationship – 1 entity variant having a relationship with many variants of another single entity.  Redundancy – the Duplication of data  Relationship – an association between entities | Chapter 2  AND Criterion  Calculated Field  Comparison Operator  Compound Condition  Concatenation  Criteria  Delete Query  Function  Intersect  Join  Major Sort Key  Minor Sort Key  Natural Join  OR Criterion  Outer Join  Primary Key  Query-by-Example (QBE)  Record  Relation  SELECT  Tuple  Union  Union Compatible |
| Chapter 3  CHAR(n)  Compound Condition  CREATE TABLE  DATE  DECIMAL(p,q)  DELETE  FROM clause  GROUP BY clause  HAVING clause  INSERT  ORDER BY clause  Reserved Word  SELECT clause  SQL (Structured Query Language)  Subquery  UPDATE  WHERE clause |