

# CIT 111 Final Exam Study Guide

Entity

Attribute

Data Integrity

Data Consistency

Data Redundancy

Entity Relationships

Primary Key

Foreign Key

Natural Key

Surrogate Key

Composite Key

1NF through 3NF

SQL Keywords:

SELECT  
FROM  
WHERE  
ORDER BY

DISTINCT

INNER JOIN  
LEFT OUTER JOIN  
RIGHT OUTER JOIN  
FULL OUTER JOIN  
UNION

GROUP BY  
HAVING

INSERT INTO  
UPDATE  
DELETE

Multiple condition operators:

AND

OR

NOT

IS NULL

IS NOT NULL

Aliases (table and column)

Operators (> < = <> !=)

Datatypes:

VARCHAR

CHAR

DECIMAL (precision and scale)

INT

Functions:

FLOOR

CEILING

TRUNCATE

RIGHT

LEFT

TRIM

LTRIM

RTRIM

CONCAT

LENGTH