**CIST 1220 – SQL Fundamentals**

**Chapter 3 Creating Databases**

**Examples**

**Create Table Examples**

Create Table Employees

(empid char(11) not null primary key,

firstName varchar(30) not null,

lastName varchar(30) not null,

address varchar(30) not null,

deptid char(4) null,

salary numeric null);

Create Table Departments

(deptid char(4) not null primary key,

name varchar(30) not null,

location varchar(30) null,

manager char(11) null);

**INSERT Examples**

* **Insert all columns**

Insert into Departments

values('ACCT', 'Accounting Department', 'Dallas, TX', '44551341889');

* **Insert just 2 columns**

Insert into Departments(deptid, name)

values('MKTG', 'Marketing Department');

Insert into Departments(deptid, name, location)

values('IT', 'Information Technology Dept', 'Dallas, TX');

**DELETE Example**

Delete from Departments

where deptid='MKTG';

**UPDATE Example**

Update Departments

set manager='8869'

where deptid='IT';