

Software Training Center

A Database is required for a Student Class Scheduling System to do "class" scheduling for training center.

There are 2 classes in the center class A and class B. each class has 12 students there are many instructor work at the center.

We need to collect detailed information on the student. Address, license so on. We have information on each instructor, (name, number, email,.....). Each student has test scores, (Knowledge, Skill, pass or fail, and degree). The center offer courses for the students each course has unique course_id ,price, start date and end date.

Requirements

Build tables on SQL Server , draw relationship between tables then create procedure to perform these 10 SQL statements

- 1- I also need to keep track of how many students have filled a class, because this will determine if more students of course could come into the class. In other words, the students see which classes are available and pick from the classes that are not full.
- 2- display the name of the courses that have the following condition:
(*((current date +10 days) = start date))*).
- 3- let the system perform a discount of %30 of their original price for the coursers (update)that have the following conditions (*0.25 course capacity < number of reserved positions < 0.5 course capacity*) to encourage students to reserve on that course.
- 4- display the name of course that has maximum number of reservation last month.
- 5- display the student information with the course information for each student that is still registered (مستمر الكورس مازال) (course and not finished yet).
- 6- display the student information who is registered in maximum number of courses at the same time.
- 7- perform a report to display the courses information that are registered for the student in this day showing the name of course and number of registered positions.
- 8- display the course that has minimum price.
- 9- display the name of the courses that are will be end after 2 weeks from now.
- 10- display the name of the students and their course that are will start their course next week.