

1.14. Consider Figure 1.2.

- A. If the name of the 'CS' (Computer Science) Department changes to 'CSSE' (Computer Science and Software Engineering) Department and the corresponding prefix for the course number also changes, identify the columns in the database that would need to be updated.

COURSE.Department, COURSE.Course_number, SECTION.Course_number, PREREQUISITE.Course_number, PREREQUISITE.Prequisite_number

- B. Can you restructure the columns in the COURSE , SECTION , and PREREQUISITE tables so that only one column will need to be updated?

Create an additional unique course identifier associated with each course number then replace all the Course_number columns in the tables that have one with the unique identifier column.