Rebecca Ludwig

A2 - September 7, 2016

The relationship between COURSE and CLASS is 1:M. Each class can only teach specific one course, and each course may have 0 or more classes being offered.

The relationship between CLASS and STUDENT is M:M. Each student may be enrolled in many classes, and each class may have many students enrolled. To reduce redundancy in a database the ENROLL entity is added between CLASS and STUDENT.

The relationship between CLASS and ENROLL is 1:M. Each enrollment is for one specific class/student combination, and each class may have 0 or more students enrolled.

The relationship between ENROLL and STUDENT is 1:M. Each enrollment is for one specific class/student combination, and each student must be enrolled in 1 more classes to be considered a student.