

Class Diagram (Standard Scenario)

1. Draw a class diagram for the following case study:

Student may attend any number of courses. Every course may have any number of students. Instructors teach courses. For every course there is at least one instructor. Every instructor may teach zero or more courses. A school has zero or more students. Each student may be a registered member of one or more school. A school has one or more departments. Each department belongs to exactly one school. Every instructor is assigned to one or more departments. Each department has one or more instructors. For every department there is exactly one instructor acting as the department chair.