Data Model Mapping

Table for the entity Schedule
Schedule (Student, Schedule_Date, Classes Enrolled)
Student, Schedule_Date → Classes Enrolled

Table for the entity Class
Class (Class_ID, Course, Instructor, Location, Time_slot, Materials)
Class_ID → Course, Instructor, Location, Time_slot, Materials

Table for the entity Course
Course (Course_ID, Content, Department, Prerequisites, Standards)
Course_ID → Content, Department, Prerequisites, Standards

Table for the entity Student
Student (Student_ID, Student_Record)
Student_ID → Student_Record

Table for the entity Instructor
Instructor (Instructor_ID, Instructor_Record, Department)
Instructor_ID → Instructor_Record, Department

Table for the entity Location_Record
Location (Location_Record)

Table for the entity Address
Address (Address_Record)

Table for the entity Department
Department (Department_ID, Department_Record, Department_College, Department_Chair, Department_Location)
Department_ID → Department_Record, Department_College, Department_Chair, Department_Location
Department_Chair → Department_ID, Department_Record, Department_College, Department_Location

Table for the entity Prerequisite
Prerequisites (Prerequisite_List)

Table for the entity Materials
Materials (Class_ID, Material_List)
Class_ID → Material_List
Table for the entity Standard
Standard (Course_ID, Standard_List)
Course_ID → Standard_List

Table for the entity Sponsor
Sponsor (Sponsor_ID, Sponsor_Record)
Sponsor_ID → Sponsor_Record

Table for the entity Payment
Payment (Total Amount Due, Student_Record, Date, Sponsor_Record, Bill_Record)
Student_Record, Date → Total Amount Due, Bill_Record, Sponsor_Record
Bill_Record → Total Amount Due, Student_Record

Table for the entity Bill
Bill (Bill_ID, Amount, Schedule_Record, Bill_Date)
Bill_ID → Amount, Schedule_Record, Bill_Date
Schedule_Record → Amount, Bill_ID, Bill_Date