

Commands for Creating Tables

DEPARTMENT

```
CREATE TABLE Department (  
    department_number INT PRIMARY KEY,  
    department_name VARCHAR(255)  
);
```

COURSE

```
CREATE TABLE Course (  
    course_number INT PRIMARY KEY,  
    course_name VARCHAR(255),  
    department_number INT,  
    semester VARCHAR(255),  
    academic_year INT,  
    FOREIGN KEY (department_number) REFERENCES Department(department_number)  
);
```

CATEGORY

```
CREATE TABLE Category (  
    category_id INT PRIMARY KEY,  
    category_name VARCHAR(255),  
    course_number INT,  
    weight DECIMAL(5, 2),  
    num_assignments INT,  
    FOREIGN KEY (course_number) REFERENCES Course(course_number)  
);
```

STUDENT

```
CREATE TABLE Student (  
    student_id INT PRIMARY KEY,  
    last_name VARCHAR(255),  
    first_name VARCHAR(255)  
);
```

ENROLLEE

```
CREATE TABLE Enrollee (  
  enrollee_id INT PRIMARY KEY,  
  student_id INT,  
  course_number INT,  
  grade INT,  
  FOREIGN KEY (student_id) REFERENCES Student(student_id),  
  FOREIGN KEY (course_number) REFERENCES Course(course_number)  
);
```

ASSIGNMENT

```
CREATE TABLE Assignment (  
  assignment_id INT PRIMARY KEY,  
  assignment_name VARCHAR(255),  
  course_number INT,  
  category_id INT,  
  max_points DECIMAL(5, 2),  
  FOREIGN KEY (course_number) REFERENCES Course(course_number),  
  FOREIGN KEY (category_id) REFERENCES Category(category_id)  
);
```

ASSIGNMENT_GRADE

```
CREATE TABLE AssignmentGrade (  
  grade_id INT PRIMARY KEY,  
  assignment_id INT,  
  enrollee_id INT,  
  assignment_grade DECIMAL(5, 2),  
  grade_points DECIMAL(5, 2),  
  FOREIGN KEY (assignment_id) REFERENCES Assignment(assignment_id),  
  FOREIGN KEY (enrollee_id) REFERENCES Enrollee(enrollee_id)  
);
```