Driving School ERD Code in **MySQL**:

CREATE TABLE `department` (

`department\_num` varchar(3),

`department\_name` varchar(20),

`license\_num` varchar(10),

`class\_num` varchar(3),

KEY `pk` (`department\_num`),

KEY `Fk` (`license\_num`)

);

CREATE TABLE `classes` (

`class\_num` varchar(3),

`time` timestamp,

`class\_size` int(33),

KEY `pk` (`class\_num`)

);

CREATE TABLE `students` (

`student\_id` varchar(3),

`first\_name` varchar(10),

`last\_name` varchar(10),

`age` int(2),

`phone\_num` varchar(10),

KEY `pk` (`student\_id`)

);

CREATE TABLE `sc` (

`Lacture\_num` varchar(6),

`class\_num` varchar(3),

`student\_id` varchar(3),

PRIMARY KEY (`Lacture\_num`),

FOREIGN KEY (`class\_num`) REFERENCES `classes`(`class\_num`),

FOREIGN KEY (`Lacture\_num`) REFERENCES `students`(`student\_id`)

);

CREATE TABLE `employees` (

`staff\_id` varchar(3),

`first\_name` varchar(10),

`last\_name` varchar(10),

`phone\_num` varchar(10),

`email` varchar(45),

`address` varchar(50),

KEY `pk` (`staff\_id`)

);

CREATE TABLE `manager` (

`manager\_num` varchar(3),

`staff\_id` varchar(3),

`department\_num` varchar(3),

FOREIGN KEY (`staff\_id`) REFERENCES `employees`(`staff\_id`),

KEY `pk` (`manager\_num`),

KEY `Fk` (`staff\_id`, `department\_num`)

);

CREATE TABLE `vehicles` (

`vehicle\_num` varchar(3),

`vehicle\_name` varchar(10),

`model` varchar(4),

`type` varchar(10),

KEY `pk` (`vehicle\_num`)

);

CREATE TABLE `driving\_instructor` (

`license\_num` varchar(10),

`student\_id` varchar(3),

`staff\_id` varchar(3),

`vehicle\_num` varchar(3),

FOREIGN KEY (`license\_num`) REFERENCES `department`(`license\_num`),

FOREIGN KEY (`staff\_id`) REFERENCES `employees`(`first\_name`),

FOREIGN KEY (`student\_id`) REFERENCES `students`(`first\_name`),

KEY `pk` (`license\_num`),

KEY `Fk` (`vehicle\_num`)

);