

```
CREATE TABLE IF NOT EXISTS tblStudents (  
    pmkSNetId varchar(20) NOT NULL PRIMARY KEY,  
    fldSFName varchar(20) DEFAULT NULL,  
    fldSLName varchar(20) DEFAULT NULL,  
    fldSEmail varchar(20) DEFAULT NULL,  
    fldStartYear int(4) DEFAULT NULL,  
    fnkANetId varchar(20) DEFAULT NULL  
)
```

```
CREATE TABLE IF NOT EXISTS tblAdvisors (  
    pmkANetId varchar(20) NOT NULL PRIMARY KEY,  
    fldAFName varchar(20) DEFAULT NULL,  
    fldALName varchar(20) DEFAULT NULL,  
    fldAEmail varchar(20) DEFAULT NULL,  
    fnkSNetId varchar(20) DEFAULT NULL  
)
```

```
CREATE TABLE IF NOT EXISTS tblPlans (  
    pmkPlanId int(5) NOT NULL AUTO_INCREMENT PRIMARY KEY,  
    fldCatalogYear int(4) NOT NULL,  
    fldDateCreated varchar(10) NOT NULL,  
    fldStudentDegree char(5) NOT NULL,  
    fldTotalCredits int(3) DEFAULT NULL,  
    fnkSNetId varchar(20) DEFAULT NULL,  
    fnkANetId varchar(20) DEFAULT NULL  
)
```

```
CREATE TABLE IF NOT EXISTS tblSemesters (  
    pmkSemTerm varchar(5) NOT NULL,
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    pmkSemYear int(4) NOT NULL,  
    pmkSemCredits int(2) NOT NULL,  
    PRIMARY KEY (pmkSemTerm, pmkSemYear, pmkSemCredits),  
    fnkPlanId int(5) NOT NULL  
)
```

```
CREATE TABLE IF NOT EXISTS tblSemesterClass (  
    pmkSemClassId int(5) NOT NULL PRIMARY KEY,  
    fldRequired char(3) DEFAULT NULL,  
    fnkClassId int(5) DEFAULT NULL,  
    fnkSemTerm varchar(5) DEFAULT NULL,  
    fnkSemYear int(4) DEFAULT NULL,  
    fnkSemCredits int(2) DEFAULT NULL  
)
```

```
CREATE TABLE IF NOT EXISTS tblClasses (  
    pmkClassId int(11) NOT NULL PRIMARY KEY,  
    fldClassNum int(11) DEFAULT NULL,  
    fldClassName varchar(50) DEFAULT NULL,  
    fldDepartment varchar(20) DEFAULT NULL,  
    fldCredits int(2) DEFAULT NULL  
)
```