Physical Data Model

Student

PK	StudentID INTEGER NOT NULL
FK	DepartmentID TINYINT NOT NULL
	StudentFirstNm VARCHAR(20) NOT NULL
	StudentLastNm VARCHAR(20) NOT NULL
	EnrollmentDt DATE NOT NULL
	StudentPhoneTxt VARCHAR(15)
	StudentAddress VARCHAR(50)
	StudentCityNm VARCHAR(20)
	StudentStateCd CHAR(2)
	StudentZipCd CHAR(5)

Department

PK	DepartmentID TINYINT NOT NULL
	DepartmentNm VARCHAR(40) NOT NULL
	DepartmentAcronym CAHR(10)

Course

PK	CourseID CHAR(10) NOT NULL
PK	CourseSectionNbr TINYINT NOT NULL
	CourseNm VARCHAR(60) NOT NULL
	CourseCreditCnt TINYINT NOT NULL

StudentCourse

PK FK	StudentID INTEGER NOT NULL
PK FK	CourseID CHAR(10) NOT NULL
PK FK	CourseSectionNbr TINYINT NOT NULL
	CourseGradeTxt CHAR(1)

Faculty

PK	FacultyID SMALLINT NOT NULL
	FacultyFirstNm VARCHAR(20)
	FacultyLastNm VARCHAR(20) NOT NULL
	FacultyPhoneTxt VARCHAR(15) NOT NULL

CourseFaculty

PK FK	FacultyID SMALLINT NOT NULL
PK FK	CourseID CHAR(10) NOT NULL
PK FK	CourseSectionNbr TINYINT NOT NULL