University System ER Diagram

DEPENDENT

DependentName PK_PARTIAL	string
Birthdate	date
Relationship	string

"Identifying (PK: StudentID + DependentName; Dependent total)"

STUDENT

StudentID PK	string
Name	string
Address	composite
Street	string
City	string
Zip	string
PhoneNumber	multivalued

"ENROLLMENT"

ENROLLMENT

StudentID FK	string
CourseCode FK	string
EnrollmentDate	date
FinalGrade	string
(StudentID, CourseCode)	PK

"ENROLLMENT"

"PREREQUISITE (Course has -> is prerequisite for)"

COURSE

CourseCode PK	string
Title	string
Credits	int

"OFFERS (Course total assumed)"

DEPARTMENT

DepartmentCode PK	string
Name	string
BuildingLocation	string

"MANAGED_BY HeadOfDepartment (Dept total; Instructor partial; total)"

"WORKS_IN (Instructor same Dept)"

INSTRUCTOR

InstructorID PK	string
Name	string
Salary	float
HireDate	date
Address	composite
Street	string
City	string
Zip	string
PhoneNumber	multivalued