

Employee
has
Manager

SE E/R

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Staff	
employee_id	int (PK)
manager_id	int(FK) ref Staff.employee_id
date_hired	date default getdate()
first_name	varchar(10) not null
last_name	varchar(10) not null
address	varchar(10) not null
city	varchar(10) not null
state	varchar(10) not null
zip_code	int(10) not null
phone	int(10) not null
email	varchar(10) not null
role	enum("Instructor", "admin", etc) not null
office	Typevarchar(10) default "TBD"
password	varchar(10) not nul

Degree	
degree_id	int (PK)
degreeName	varchar(10) default "TBD"
degreeDescription	varchar(10) default "TBD"

Course	
course_id	int (PK)
name	varchar(10) default "TBD"
description	varchar(10) default "TBD"
credit_hrs	int(10) default 3

Section	
section_id	int (PK)
course_id	int (FK) ref Course.course_id not null
instructor_id	int (FK) ref Employee.employee_id not null
room	varchar(10) default "TBD"
time	varchar(10) default "TBD"

Enrolled	
enroll_id	int (PK)
section_id	int (FK) ref Section.section_id not null
student_id	int (FK) ref Student.student_id not

Course
HasMany
Sections

Section
HasMany
Assignments

Section
HasMany
Enrolled

Enrolled
Student
HasMany
Submissions

Assignment	
assn_id	int (PK)
section_id	int (FK) ref Section.section_id not null
name	varchar(10) not null
description	varchar(10) default "TBD"
points_possible	int not null
date_due	date default getdate()

Submission	
sub_id	int (PK)
assn_id	int (FK) ref Assignment.assn_id not null
enroll_id	int (FK) ref Enrolled.enroll_id not null
date_sub	date default getdate()
points_earned	int(10)
submission	varchar(255)

Submission
Belongs To
Assignme

Employee
(role=Instructor)
HasMany
Sections

Student
Has
Degree

Student
HasMany
Enrollments