

Semester		
PK	sem_id	int, not null
	sem_year	char(4), not null
	sem_season	varchar(6), not null
	sem_num_weeks	smallint
	sem_start_date	datetime, not null
	sem_first_block_start_date	datetime
	sem_second_block_start_date	datetime

Schedule		
PK	schedule_id	int, not null

Schedule-Section		
PK, FK	schedule_id	int, not null
PK, FK	section_id	int, not null

Course		
PK	course_id	int, not null
	course_prefix	varchar(5)
	course_number	varchar(10)
	course_title	varchar(60),not null
	course_credits	smallint, not null
FK	dept_id	int, not null

Section		
PK	section_id	int, not null
FK	course_id	int, not null
FK	prof_id	smallint, not null
FK	classroom_id	int, not null
FK	semester_id	int, not null
	section_days	varchar(50), not null
	section_start_time	time, not null
	section_end_time	time, not null
	section_block	int, not null
	section_capacity	int, not null

Professor		
PK	prof_id	smallint, not null
	prof_first	varchar(30),not null
	prof_last	varchar(30),not null
UQ	prof_email	varchar(50),not null
	prof_req_hours	smallint
	prof_rel_hours	smallint
FK	dept_id	int, not null

Classroom		
PK	classroom_id	int, not null
	classroom_number	varchar(10), not null
	classroom_capacity	smallint, not null
	classroom_workstations	smallint
FK	building_id	int, not null

Department		
PK	dept_id	int, not null
UQ	dept_name	varchar(50), not null
UQ	dept_code	varchar(4), not null

Building		
PK	building_id	int, not null
	building_code	varchar(10), not null
	building_name	varchar(50), not null
FK	campus_id	smallint, not null

User		
PK	user_id	int, not null
UQ	user_login	varchar(20), not null
	user_admin	char(1), not null
FK	dept_id	int

Campus		
PK	campus_id	smallint, not null
UQ	campus_name	varchar(50), not null