



DEPARTMENT (dep_code: int, dep_name: varchar(40))
PK = {dep_code}

LOCATION (loc_code: int, loc_building: varchar(10), loc_room: varchar(10), dep_code: int)
PK = {loc_code}
FK = {dep_code → DEPARTMENT.dep_code}

DEP_ROLE (dep_code: int, role_title: varchar(20), role_type: varchar(4), prof_num: int)
PK = {dep_code, role_title}
FK = {dep_code → DEPARTMENT.dep_code, prof_num → PROFESSOR.prof_num}

COURSE (crs_code: int, crs_title: varchar(40), crs_credits: int)
PK = {crs_code}

TERM (term_code: int, term_semester: int, term_year: int)
PK = {term_code}

STUDENT (stu_num: int, stu_fname: varchar(26), stu_lname: varchar(26))
PK = {stu_num}
Constraints = {stu_lname NOT NULL}

CHAIR (dep_code: int, role_title: varchar(20), chair_budget_authority_level: int, chair_hiring_authority: int)
PK = {dep_code, role_title}
FK = {dep_code → DEPARTMENT.dep_code, role_title → DEP_ROLE.role_title}

PROG_HEAD (dep_code: int, role_title: varchar(20), ph_release_time_pct: date, ph_stipend: float)
PK = {dep_code, role_title}
FK = {dep_code → DEPARTMENT.dep_code, role_title → DEP_ROLE.role_title}

PROFESSOR (prof_num: int, prof_fname: varchar(26), prof_lname: varchar(26), dep_code: int)
PK = {prof_num}
FK = {dep_code → DEPARTMENT.dep_code}

ENROLLMENT (enroll_num: int, stu_num: int, crs_code: int, term_code: int)
PK = {enroll_num, stu_num}
FK = {stu_num → STUDENT.stu_num, crs_code → COURSE.crs_code, term_code → TERM.term_code}

LECTURES (lecture_num: int, prof_num: int, term_code: int, crs_code: int)
PK = {lecture_num, prof_num}
FK = {prof_num → PROFESSOR.prof_num, term_code → TERM.term_code, crs_code → COURSE.crs_code}

POSITION (pos_num: int, prof_num: int, role_title: varchar(20))
PK = {pos_num, prof_num}
FK = {prof_num → PROFESSOR.prof_num, role_title → DEP_ROLE.role_title}