

RELATIONAL SCHEMA

(ER TO RELATIONAL MAPPING)

STAFF_MEMBER:

STAFF_ID (PK)	FNAME	MNAME	LNAME	NATIONAL_ID	DEPARTMENT_NUMBER (FK)
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STUDENT:

STUDENT_ID (PK)	NATIONAL_ID	FNAME	MNAME	LNAME	ADDRESS
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DEPARTMENT:

DEPARTMENT_NUMBER (PK)	DEPARTMENT_CODE	NAME	STAFF_ID (FK) (FOR MANAGER)
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COURSE:

COURSE_ID (PK)	NAME	CREDITS	DEPARTMENT_NUMBER (FK)
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PROFESSOR:

STAFF_ID (PK)(FK)

TEACHING_ASSISTANT:

STAFF_ID (PK)(FK)

ENROLLMENT:

COURSE_ID (FK)	STUDENT_ID (FK)	YEARLY_PERFORMANCE_GRADE	FINAL_EXAM_GRADE
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*primary key of this table is the combination of the first 2 cells

TEACHING:

STAFF_ID (FK) [FROM PROFESSOR RELATION]	STAFF_ID (FK) [FROM TEACHING ASSISTANT RELATION]	COURSE_ID (FK)	GRADING_SYSTEM	RECOMMENDED_MATERIAL
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*primary key of this table is the combination of the first 3 cells