Date:
1) STUDENT > Major
COURSE -> Course_number
> Department
SECTION > Course_number
PREREQUISITE > Course_number
Prerequisite_number

		Date:		_
2) COURSE -> Introduce a which will each course	have a unique	number of	type Ir	leger Per
-> Update data numeric o Resultant Covise RELA	ligits	number to	just 4	
Course name	Course_number	Gradit hours	Denaytment	Concelo
Intro to Computer Science	1310	4	CS	1
Data Structures	3320	4	CS	2
Discrete Mathematics	2410	3	MATH	3
Database	3380	3	cs 1	4
		1		
This will now only me	odify one co	olumn ast	regured	by.
the guestion o				
U				

Data	
Date:	

SECTION: >	Replace the Course-number column with	
	Replace the Course-number column with Course 1D. This won't need any update	5
	1 CS to CSSE	

Resultant SECTION Relation

Section identifier	CourselD	Semester	Year	Instructor	4.
85	3	Fall	07	King	
92		Fall	07	Anderson	
102	2	Spring	08	Knuth	
112	3	Fall	08	Chang	
119		Fall	08	Anderson	
135	4	Fall	08	Stone	

PREREQUISITE > Replace Course number with course(D)

> Change datatype of Prerequisite-Number to

Integer & rename it PrerequinteTD to

reflect that it contains course IDs & not

numbers

Resultant PREREQUISITE Relation

Course 1D	Prerequisite (D)
4	20
1 4	3
2	

Trabas	
Date:	The second secon
and the same	

This is ausel	ul solution, because now the change
doe not mand	to be made in every table. Updating
CS to CSSE	in COURSE Relation will be sufficient
for all three	

3) Meta-Data ** Only showing the ones that change **

RELATIONS

Relation_name	No D colum	ns
COURSE	5	

COLUMNS

Data type	Belongs to relation
NNIAN	COURSE
Integer	COURSE
Integer	SECTION
Integor	PREREQUISITE
Integer	PREREQUISITE
	NNIAN

* Course ID is replacing Course number column, which
means entry of course number will be deleted

from mola-data for CO URSE & SECTION relations

* PrerequisiteID is replacing Prerequisite number column, which
means entry of Prerequisite number will be deleted from

mela-data for PREREQUISITE relation