DELETE
INSERT
db.table

GRANT SELECT ON db.*
TO 'user' @ '%'
  
\texttt{dijkstra}
more

~cpresser/public_html/
cs360.php/select.php
Composite Attrib

address

number
street
city
state
country

Multivalued Attrib.

Student

phone #

Derived Attrib.

Student

GPA
Entity Type: name, attribute
Entity Set: set of "tuples"
Relationships

ID

Student

EnrollsIn

Course

permission

grade

Teaches

NAME

Parent

Weak entities

Total participation

partial key

Teacher
The diagram represents a database relationship between students, courses, departments, and teachers. It shows that:

- A student can be enrolled in multiple courses (N:M). Each student is part of only one department.
- A course can be taught by multiple teachers (N:M).
- A department can have only one chair (chair), who can also be a teacher.

The relationships are indicated by the lines connecting the entities, with the multiplicity (N:M) shown by the numbers next to the arrows.
Figure 7.2
An ER schema diagram for the COMPANY database. The diagrammatic notation is introduced gradually throughout this chapter and is summarized in Figure 7.14.