

# Satisfying 2NF

- To satisfy the **Second normal form**, every non-candidate-key attribute must depend on the whole candidate key (No partial FDs)

=> Candidate key: { *Cid*, *Class\_number* }

Partial FD: *Cid* → *Cname*

**Course**

Cid	Cname
1000	ML
1100	Computing
1200	Big Data

**Course\_class**

Cid	Class_number	Lecturer	Lecturer_email	Class_time
1000	001	Jones	jones@cs	10-12
1100	001	Smith	smith@ds	12-14
1100	002	Hank	hank@ee	10-12
1200	001	Tom	tom@ds	12-14
1200	002	Hank	hank@ee	14-16