Database Design, CSCI 340, Spring 2016
Functional Dependencies exercise, March 9

Say that you are developing a database application for Montana Tech. In talking with different people you have discovered that your database application would have the following attributes. State any FDs which you expect will exists among these attributes. State any necessary assumptions.

> courseId
> courseName
> noCredits
> semester
> section
> instructorId
> instructorName
> room
> time

Functional Dependencies:

> courseId → courseName, noCredits
> courseName → courseId
> instructorId → instructorName
> courseId, section, semester → all
> courseName, section, semester → all
> room, time, semeseter → all
> instructorId, time, semester → all