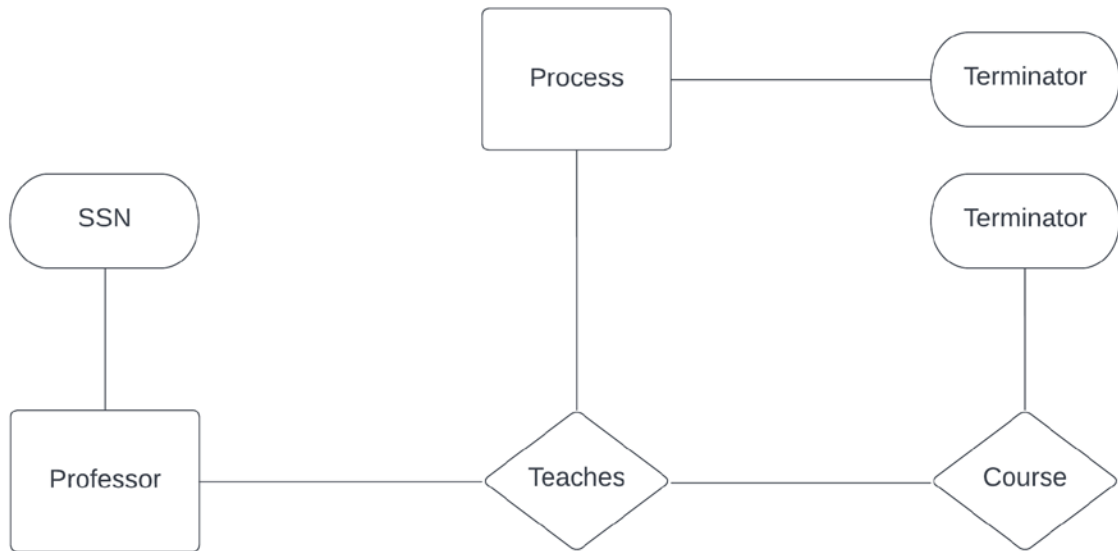
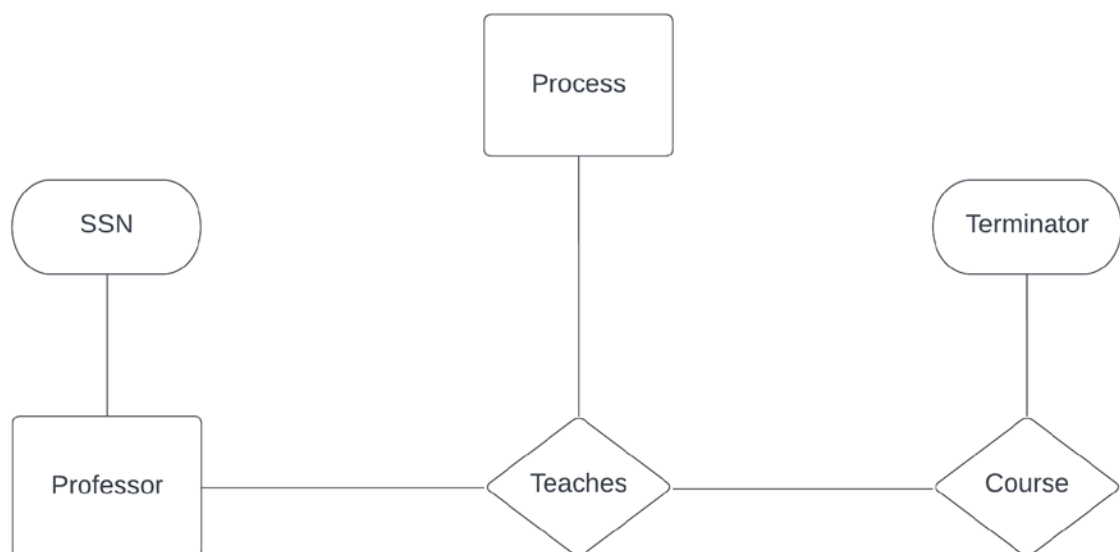


## Exercise 1

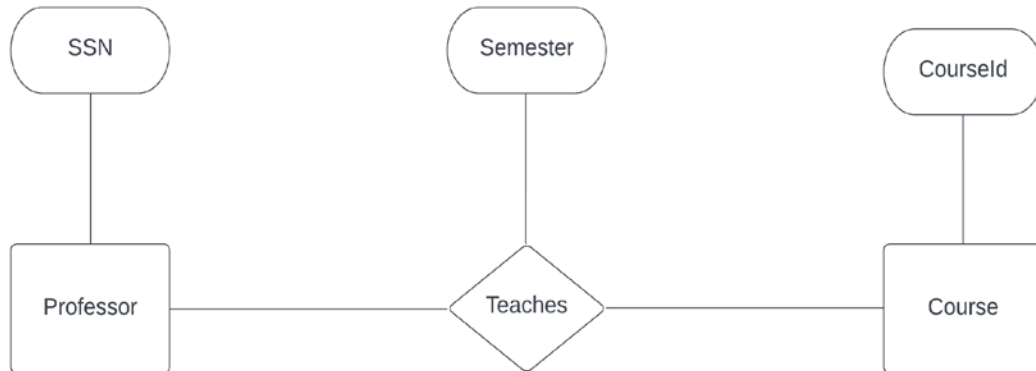
1. Professors can teach the same course in several semesters, and each offering must be recorded.



2. Professors can teach the same course in several semesters, but only the most recent such offering needs to be records. Assume the above Situation (b) applies in all subsequent situations.



3. Every professor teaches a course, and every course is taught by some professor



4. Every professor teaches exactly one course, and every course is taught by exactly one professor.

