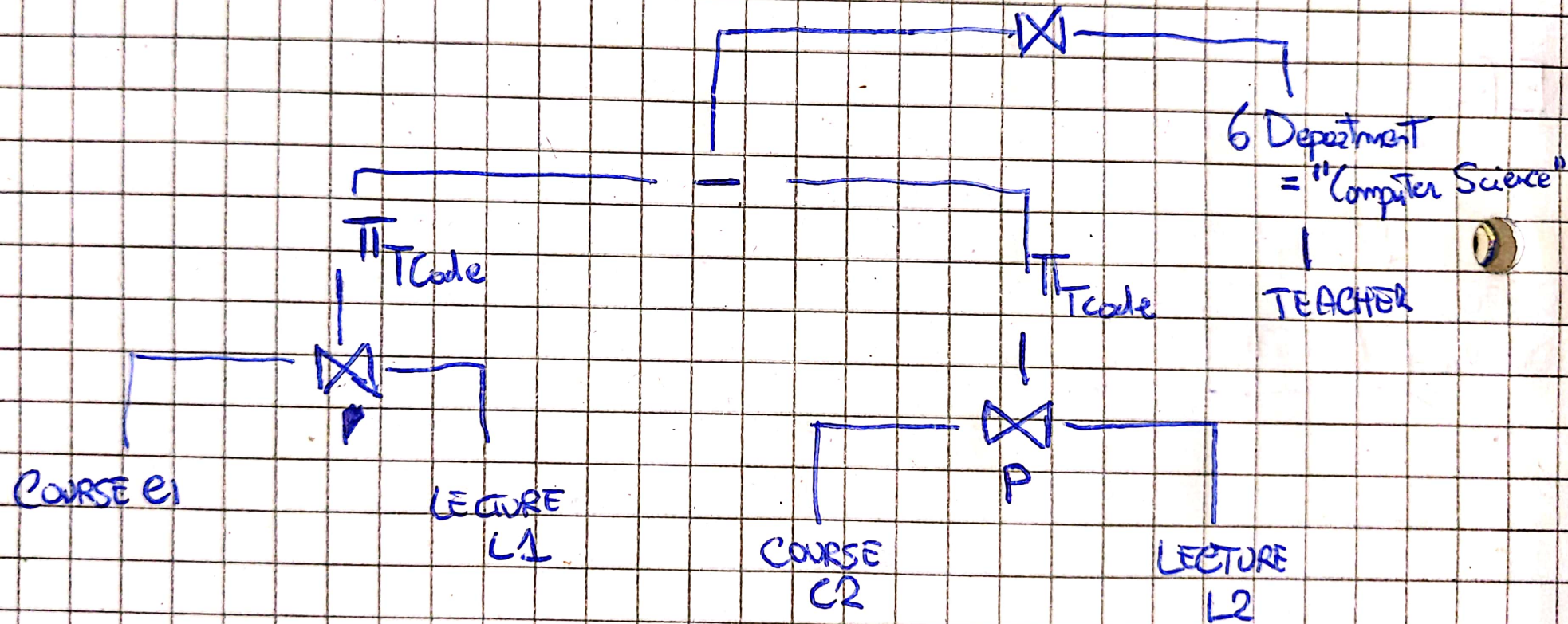


Computer Science

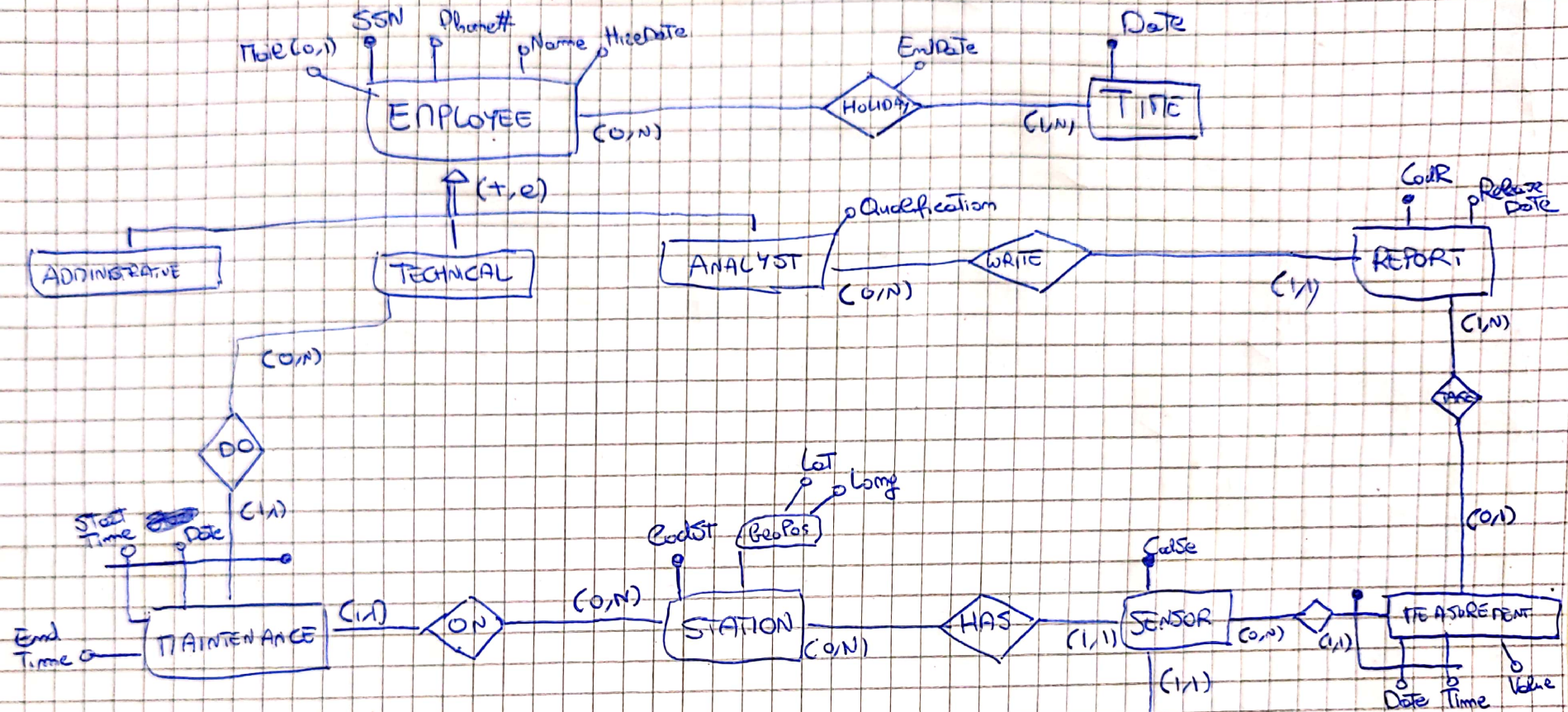
1.A

$\Pi$   
TName, TSurname, TCode



$p \mid e2.Tcode = L2.Tcode$   
AND  $L2.AttendingStudent \leq 0.8 * e2.EnrollingStudent \#$





## NORMALIZED

Employee (SSN, Phone#, Name, HireDate, Title\*)

Maintenance (Date, StartTime, SSN, EndTime, ColST)

Station (ColST, Lat/Long)

Sensor (ColSe, ColST, ColP)

Pollutant (ColP, Name, Descr, Unit/Meas)

Cause (Name C, ColP)

Measurement (ColSe, Date, Time, Value, ColR\*)

Report (ColR, ReleaseDate, SSN)

Holiday (SSN, StartDate, EndDate)

Administrative (SSN)

Technical (SSN) Analyst (SSN, Qualifica) Causes (0,N)

REF.  
INT.  
CONST.

1) Technical (SSN) References Employee (SSN)

2) Cause (ColP) References Pollutant (ColP)

3) Maintenance:

SSN references Technical (SSN)  
ColST references Station (ColST)