

## Labor Force Revised Relational Schema

### -Entity Sets-

company(comp\_id, address+, industry\_group, {sub\_industry}, website, companyName )  
position(pos\_code, title, description, pay\_range\_high, pay\_range\_low)  
job(job\_code, pos\_code, emp\_mode, {required\_skill}, pay\_rate, pay\_type, company, cate\_code)  
skill(sk\_code, title, description, level)  
person(per\_id, name, address+, email, gender, {phone})  
section(c\_code, sec\_no, complete\_date, year, offered\_by, format, price)  
course(c\_code, title, level, description, status, retail\_price)  
gics(ID, Name)  
IndustryGroup(IndGID, INDGTitle, Parentid)  
Industry(Indid, indtitle, parentid)  
subIndustry(subid, subtitle, description, parentid)

### -Relationship Sets-

hiring(pos\_code, comp\_id)  
requires\_by\_job(job\_code, sk\_code)  
teaches(c\_code, sk\_code)  
has\_skill(per\_id, sk\_code)  
works(per\_id, job\_code, start\_data, end\_date)  
takes(per\_id, c\_code, sec\_no, complete\_date)  
prerequisite(c\_code, required\_code)