

**ITEC 3335  
Database Development  
Fall 2018  
Homework #4**

**Relational Schema and SQL DDL**

(1) Using the suggested ERD solution of [Homework #3](#) (*not* your own solution) and the specification of HW #3, construct the relation schemas to implement the ER diagram for TES. For each relation, underline the PK and list:

1. all candidate keys: e.g. (1) FacultyId, (2) {FirstName, LastName, DepartmentNumber}
2. all foreign key references: e.g. (1) ChairFacultyId references Faculty(FacultyId), (2) StudentId references Student(StudentId)
3. Attributes that can be null (i.e. Nullable): e.g. (1) MiddleInitial, (2) Phone

Use [h4sol\\_template.docx](#) as the template. For submission to blackboard, naming convention should be the same for all homework submission: h<assignment number>\_itec3335\_<<sid>>\_<lastname>.<extension>. For example, H4\_itec3335\_0111006\_Bond\_Jane.docx.