# COP 4005 – Project Instructions – TUTOR Management

Using the STARSOrg application partially developed in class, you will complete the Tutor management functionality. Users must be able to select courses for which they are willing to tutor.

Tables you will need to use:

* COURSE
* SEMESTER
* TUTOR\_COURSES
* MEMBER
* SECURITY

For each table, you will need to:

* Create classes as needed. Follow the patterns for classes as shown in the class samples
* Create appropriate stored procedures for the necessary operations

The following functionality is required:

* + Add a Tutor screen that allows the user to select a semester, then select courses for which the user is willing to tutor during that semester, subject to the business rules below.
* Produce a formatted report of all members who are tutors in a selected semester.
* Produce a formatted report of all tutors for a selected course in a selected semester. (This can be a screen, or time permitting, you can design a report using the ReportViewer control.)

Business rules:

* A member with any of the tutor roles can tutor in one or more courses in a given semester.
* A member’s courses may change in a new semester.
* A member holding a tutor role must log in to select his own courses for tutoring each semester.
* A member should always be able to see all of the courses that he is currently tutoring.

Notes:

* You will be provided with data for the COURSE table.
* You will be provided with data for the SEMESTER table.
* It will probably be easier to integrate the Security portion of the project last. Other team members should get their functionality and new screens working together, then add the security into the project in a consistent way (common procedures/functions/class objects).