# COP 4005 – Project Instructions – COURSE and SEMESTER Management

Using the STARSOrg application partially developed in class, you will complete the Course and Semester management functionality. Users must be able to create and modify courses and semesters for the organization.

Tables you will need to use:

* COURSE
* SEMESTER
* 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 Course screen that meets these requirements
  + Allows the user to add a new Course or select and modify an existing course.
  + Only users with security privilege level of ADMIN or OFFICER may create or modify a Course. Use the information provided by the Security Management project and integrate it into the completed project.
* Add a Semester screen that meets these requirements:
  + Allows the user to add a new Semester or select and modify an existing Semester.
  + Only users with security privilege level of ADMIN or OFFICER may create or modify a Semester. Use the information provided by the Security Management project and integrate it into the completed project.
* Produce a formatted report of all Courses. (This can be a screen, or time permitting, you can design a report using the ReportViewer control.)
* Produce a formatted report of all Semesters. (This can be a screen, or time permitting, you can design a report using the ReportViewer control.)

Notes:

* 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).