Aeries Student Information System
Class Rank and Size Enhancements
May 22, 2008

The Class Rank and Size calculation has been enhanced to allow students within the same grade to be ranked separately from other students based on their graduation tracks.

Setup for this process occurs in the Update COD Table form where you can define what graduation tracks should be ranked together, or not at all. A value can be added in the COD.N1 field that will group students together. If the value of 99 is entered into the COD.N1 field it will keep the students in that graduation track from being assigned a class rank.

The Update Requirements Table form has been modified to include a list of all Grad Tracks currently setup in the REQ table. Also, when a Grad Track is added it will now automatically update the code and description into the COD table for the REQ.GRT field. The following is an example of the Update Requirements Table.
The right side of the form will now display all Grad Tracks currently setup under the Select Record to Display section. The **Default** record will automatically display the original Graduation Requirements. The **Default** record cannot be deleted and the record name cannot be changed.

The **Update Grad Tracks** buttons will display below the Select Records to Display column. These buttons will allow you to **Add**, **Change** or **Delete** any Grad Track currently displayed.

When you click the mouse on the **Add** button the following text box will display to **Enter** the new Grad Track Code. Enter the code and click the mouse on **OK**. The code will be added to the **COD** table.
The following text box will display to **Enter** the Grad Track Code Description and click the mouse on **OK**.

![ENTER DESCRIPTION]

**NOTE:** If the new Grad Track code is already located in the COD table the prior description entered for this code will automatically display.

The right side of the form will now display the new Grad Track added under the **Select Record to Display** section and will copy the Default Graduation Requirements. The **Add**, **Change** and **Delete** buttons under the **Update Subject Areas** can now be utilized to add new subject area codes and the required credits.
The **Class Rank and Size** calculation has been enhanced to allow students within the same grade to be ranked separately from other students based on their graduation tracks. This option can be set from the **Update Code Table** form located from the **Miscellaneous Functions** form. Select the **REQ** table and the **GRT** field. The following example will display with all codes previously setup.

![Update Code Table Form](image)

To define which graduation tracks should be ranked together a value can be added in the **COD.N1** field that will group students together. For example below, any student assigned with a graduation track of A or C will be ranked together.

![Update Code Table Form](image)

To define which graduation tracks will be excluded from the class rank/size computation a value of 99 can be added in the **COD.N1** field. For example, any student assigned with the graduation track of F will not be included in the calculation of a class rank.

![Update Code Table Form](image)
Students can be assigned graduation tracks from the Graduation Requirements (REQ) form. To assign a student to a particular Grad Track click the mouse on the drop down arrow under the GradTrk field.

All Grad Track codes setup from the Update Requirements Table form will display. Click the mouse on the Grad Track selected and the code will display in the field.
In the example above Grad Track F was selected which was setup in the COD table with a 99 in the COD.N1 field. This student will **NOT** be included in the calculation of a class rank.