Guidelines to create Smart Views in Bb Learn Course's Grade Center to filter students by CRN(s)/Campus/Section

We have a column called "**Section/CRNs**" in the Grade Center which lists the fields below for each student record:

Section Name or Block Code + College Code + CRN/s in which the student is registered
(e.g. 02B4ECE01-AAWC-13236-13237-13246-13248-15229)

An example is shown in the screenshot below:

Using the "**Section/CRNs**" column, faculty can create 'Smart Views' in the Grade Center to filter student records based on either the Section Name or Block Code/College Code/CRN/s.

To create Smart Views in the Grade Center of a course, follow the steps below:

1. Go into your course where you want to create Smart Views.

2. Go to **Control Panel → Grade Center → Full Grade Center**.

3. Place mouse pointer over '**Manage'** Tab and choose '**Smart Views**'.

4. Select "Create Smart View".

The following scenario and its supporting cases below highlight how custom Smart Views can be created and filtered using specific criteria:

Scenario:

Let's take a sample course – e.g. LSM-1003. Students of all CRNs belonging to LSM-1003 across the system are enrolled in this course (e.g. 90 CRNs with 1160 students enrolled).

The table below lists the available CRNs for LSM-1003 in ADWC as per Banner.

Term	Col.Code	College	CRN	Subj	Crs.Num	Section	Instructor(s)	Dept	St.Count	Old CRN
201610	04	ADW	11088	LSM	1003	D05	Christos Thedorakakos	MATH	23	-
201610	04	ADW	11117	LSM	1003	D11	Khairunnisa Bukhari	MATH	18	-
201610	04	ADW	11126	LSM	1003	D13	Khalifa Al Amer	MATH	19	-
201610	04	ADW	11111	LSM	1003	D09	Mai Mohamed Ezzat	MATH	23	-
201610	04	ADW	11107	LSM	1003	D07	Mai Mohamed Ezzat	MATH	30	-
201610	04	ADW	12256	LSM	1003	S05	Rasha Barakat	MATH	19	-
201610	04	ADW	11927	LSM	1003	S02	Rasha Barakat	MATH	8	-
201610	04	ADW	11922	LSM	1003	S01	Rasha Barakat	MATH	15	-
201610	04	ADW	10898	LSM	1003	D01	Tatjana Curcic	MATH	16	-
201610	04	ADW	11068	LSM	1003	D04	Tatjana Curcic	MATH	24	-
201610	04	ADW	11121	LSM	1003	D12	Tatjana Curcic	MATH	18	-
201610	04	ADW	11103	LSM	1003	D06	Tatjana Curcic	MATH	22	-
201610	04	ADW	11109	LSM	1003	D08	Tatjana Curcic	MATH	24	-
201610	04	ADW	11113	LSM	1003	D10	Wissam Safeh	MATH	23	-

Case 1: Mr. Christos (a faculty) wants to create Smart View for one of his CRNs (e.g. CRN 11088 which has 23 Students)

(To follow these steps you must be in the 'Create Smart View' screen)

1. Under **the 'Smart View Information'** section
   a. Provide a name for the Smart View which is easily identifiable e.g.: **CRN-11088** or **Christos-CRN**

   b. Add as 'Favorite' – Select this check box so that the newly created Smart View will show under '**Full Grade Center**' menu of the course's **Control Panel** as a shortcut.

2. Under **'Selection Criteria'** section
   a. **Type of view** - Select the '**Custom** Build a query based on user criteria.' option

   b. Under '**Select Criteria**' apply the following settings:
      i. User Criteria – Section/CRNs
      ii. Condition – Contains
      iii. Value – 11088 (Enter the CRN number to filter)

   c. No value is needed in the '**Formula Editor**'.

   d. '**Filter Results**' – Select this filter option based on the requirements. For e.g. to show all the columns, select '**All Columns**'

3. Click '**Submit**' for the Smart View to get created.

4. The new 'Smart View' is now created for this scenario/case as shown below:

5. Clicking on the shortcut - '**CRN-11088**' (see screenshot below), will display the Smart View showing the customized and filtered results.

6. The above screenshot (# 5) displays only 23 students who belong to CRN-11088 as per the filter criteria used in case 1.

Case 2: Ms. Rasha (a Faculty) wants to create Smart Views for her three (3) CRNs (e.g. CRN 12256 – which has 19 Students; CRN 11927 which has 8 Students; and CRN 11922 which has 15 Students – Total of 42 Students)

(To follow these steps you must be in the 'Create Smart View' screen)

1. Under **'Smart View Information'** section
   a. Provide a name which is easily identifiable e.g.: **'CRNs-12256,11927,11922'** or **'Rasha-CRNs'**

   ### 1. Smart View Information
   ✳ Name   Rasha-CRNs

   b. Add as Favorite – Select this check box so that the newly created Smart Siew will show under **'Full Grade Center'** menu of the course's **Control Panel** as a shortcut.

Type	Custom
Add as Favorite	☑

2. Under **'Selection Criteria'** section
   a. **Type of view** - Select the '**Custom** Build a query based on user criteria.' option

   ### 2. Selection Criteria
   Type of View
   - ○ **Performance** View specific users based on their performance on a single item.
   - ○ **User** View individual users.
   - ○ **Category and Status** View items by their category and status.
   - ⦿ **Custom** Build a query based on user criteria.

   b. Under '**Select Criteria**' apply the following settings:
      i. User Criteria – **Section/CRNs**
      ii. Condition – **Contains**
      iii. Value – **12256** (Enter the CRN number to filter)
      iv. Click Add User Criteria Button – **Repeat the criteria for CRN 11927**
      v. Click Add User Criteria Button – **Repeat the criteria for CRN 11922**
         (Repeat these steps to filter any number of CRNs)

   Select Criteria   *Select the users' grade criteria to benchmark.*

   1 User Criteria: Section/CRNs   Condition: Contains   Value: 12256 ←

   2 User Criteria: Section/CRNs   Condition: Contains   Value: 11927 ←
   Delete

   3 User Criteria: Section/CRNs   Condition: Contains   Value: 11922 ←
   Delete

   Add User Criteria

c. Using the 'Formula Editor' – Click on 'Manually Edit' button and provide a condition (for e.g.):

1 AND 2 AND 3 to 1 OR 2 OR 3.
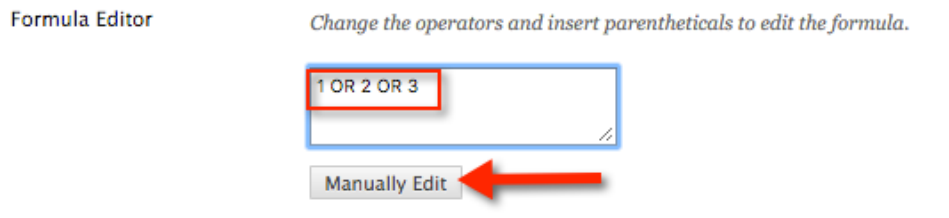
Formula Editor   Change the operators and insert parentheticals to edit the formula.

1 OR 2 OR 3

Manually Edit

d. 'Filter Results' – Select this filter option based on the requirements. For e.g. to show all the columns, select 'All Columns'

Filter Results   Columns to Display in Results:

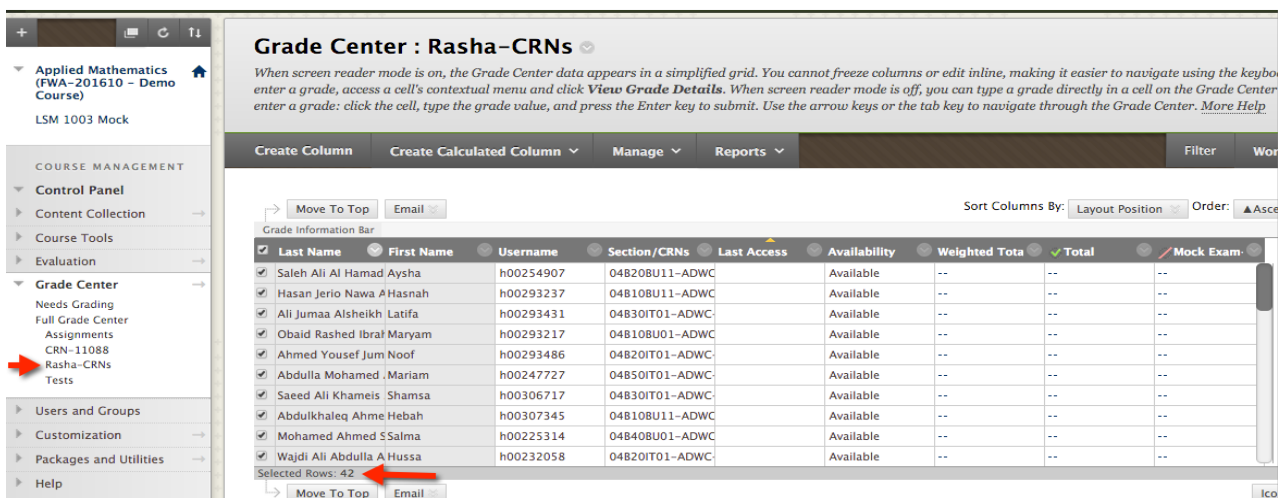All Columns   ☐ Include Hidden Information

3. Click 'Submit' for the Smart View to get created.

4. The new 'Smart View' is now created for this scenario/case as shown below:
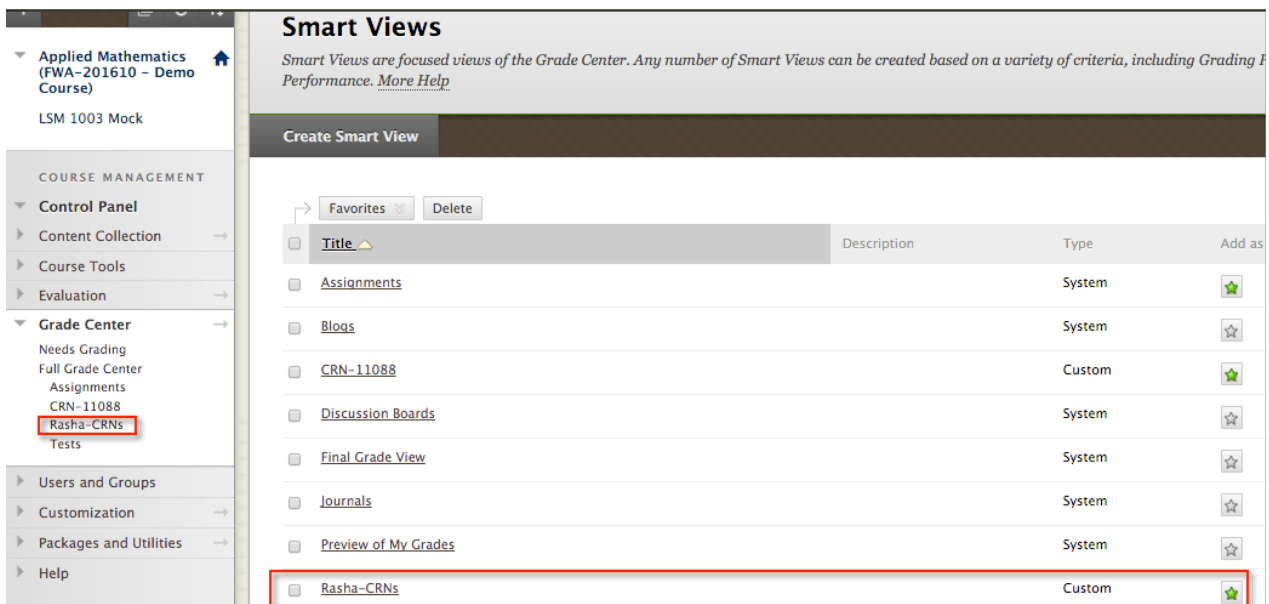
5. Clicking on the shortcut 'Rasha-CRNs', (see screenshot below), will display the Smart View showing the customized and filtered results.

6. The above screenshot (# 5) displays the 42 Students belonging to the three (3) CRNs-12256, 11927, 11922 as per the filter criteria used in Case 2.

(To follow these steps you must be in the 'Create Smart View' screen)

1. Under '**Smart View Information**' section
   a. Provide a name which you can easily identify eg: ADWC-**CRNs**

   ### 1. Smart View Information
   * Name   ADWC-CRNs

   b. Add as Favorite – Select this check box so that the created smart view will list under **Full Grade Center** menu on your **Control Panel**.

Type	Custom
Add as Favorite	☑

2. Under '**Selection Criteria**' Section
   a. **Type of view** - Select the '**Custom** Build a query based on user criteria.' option

   b.

   ### 2. Selection Criteria

   Type of View
   - ○ **Performance** View specific users based on their performance on a single item.
   - ○ **User** View individual users.
   - ○ **Category and Status** View items by their category and status.
   - ◉ **Custom** Build a query based on user criteria.

   Under '**Select Criteria**' apply the following settings:
      i. User Criteria – **Section/CRNs**
      ii. Condition – **Contains**
      iii. Value – enter the value as **-ADWC-** (including the '**-**' before and after the campus code)

   Select Criteria   *Select the users' grade criteria to benchmark.*

1	User Criteria:		Condition:	Value:
	Section/CRNs	⇕	Contains ⇕	-ADWC-

   Add User Criteria

   c. No value entry is needed in the '**Formula Editor**'.

   d. '**Filter Results**' – Select this filter option based on the requirements. For e.g. to show all the columns, select '**All Columns**'
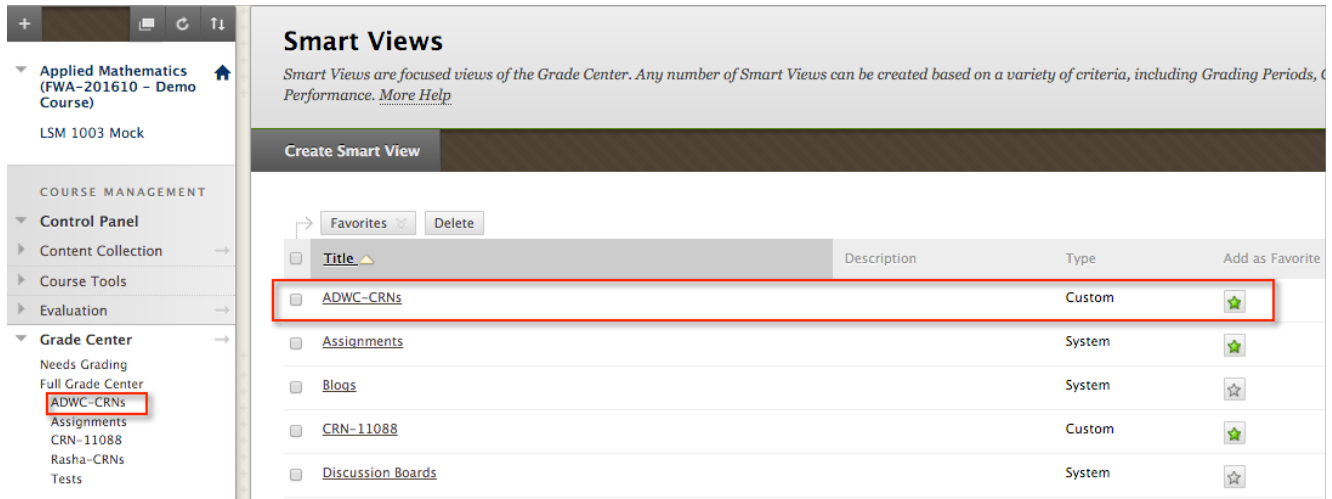
   Filter Results   *Columns to Display in Results:*

   All Columns ⇕   ☐ Include Hidden Information

3. Click '**Submit**' for the Smart View to get created.

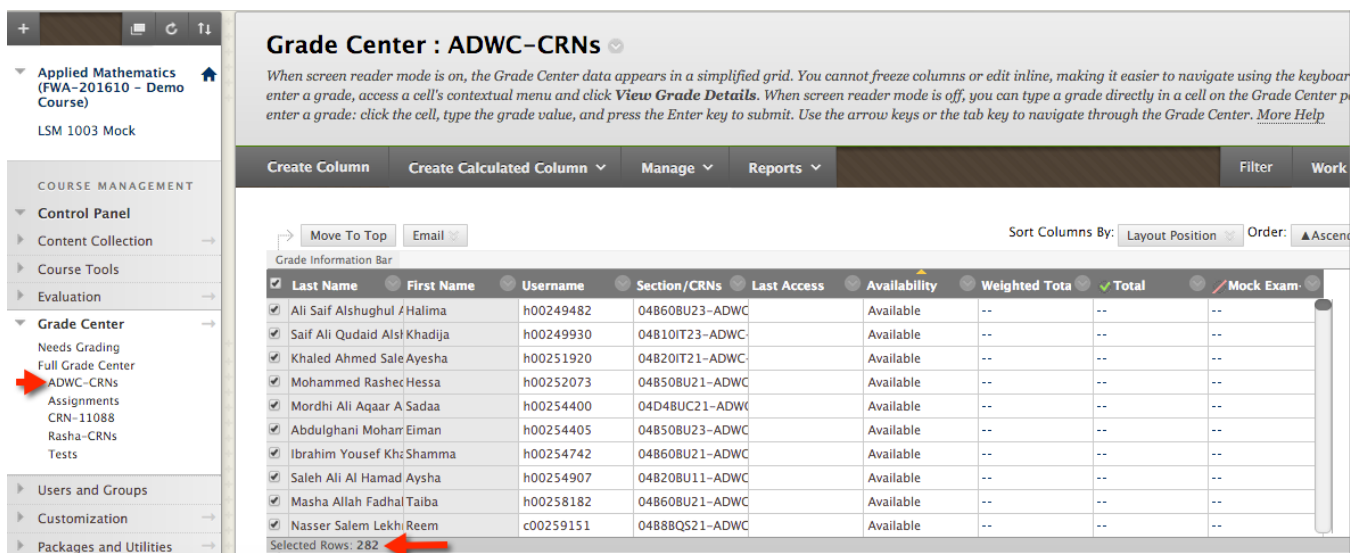4. The new 'Smart View' is now created for this scenario/case as shown below:

5. Clicking on the shortcut "ADWC-CRNs", (see screenshot below), will display the Smart View showing the customized and filtered results.

6. The above screenshot (# 5) displays the 282 Students who are assigned under ADWC CRNs as per the filter criteria used in Case 3.

Smart Views similar to the three (3) cases described above can be created using filter criteria to list specific student data belonging to a Section/CRN/Campus.