

Encoding Summary/Groups for Interactive Audit

Original encoding below has Summary and Groups counting credits up to the CRCK40 (40 credits total from program requirements, electives, and at least one emphasis area to complete a Diploma for Computer Programmer). With this encoding, no pie chart (total credits/hours) or total GPA bar graph appeared on the Interactive Audit. In order to have the pie chart and GPA bar report on the Interactive Audit, encoding needs to be changed.

Requirement Name	Grp 1	Grp 2	O R	O P	Sum. Group	Cross Link	Alt. Catalog	Sort Flag	Report Category	Extend	Calc Group	Calc Flag
1 DEVELOP2	*			<input checked="" type="checkbox"/>				a				
2 CRCK40	A			<input type="checkbox"/>	S				X			
3 DIP008DRQ	B			<input type="checkbox"/>	G				P			
4 DIP008DEL	.			<input type="checkbox"/>	G				E			
5 DIP008TX				<input type="checkbox"/>	.							
6 DIP008E1	C			<input checked="" type="checkbox"/>	G				P			
7 DIP008E2	D			<input checked="" type="checkbox"/>	G				P			
8 DIP008E3	E			<input checked="" type="checkbox"/>	G				P			
9 DIP008E4	F			<input checked="" type="checkbox"/>	G				P			
10 DIP008E5	G			<input checked="" type="checkbox"/>	G				P			
11 DIP008E6	H			<input checked="" type="checkbox"/>	G				P			
12 DIP008E7	I			<input checked="" type="checkbox"/>	G				P			
13 DIP008E8	J			<input checked="" type="checkbox"/>	G				P			
14 DIP008E9	K			<input type="checkbox"/>	G				P			
15 HUNGRYEL	*			<input checked="" type="checkbox"/>								
16 TRANSCRIP				<input checked="" type="checkbox"/>					T			

In this example, the CRCK40 Requirement was moved from the second Requirement to the 14th Requirement because it needs to be below all requirements that are collecting the credits & GPA. Additionally, the < S > and < G > need to be removed from the Sum. Group column. Ideally, Grp1 Requirement collected in the CRCK40 should have the same group code to insure that credits don't get counted more than once.

Requirement Name	Grp 1	Grp 2	O R	O P	Sum. Group	Cross Link	Alt. Catalog	Sort Flag	Report Category	Extend	Calc Group	Calc Flag
1 DEVELOP2	*			<input checked="" type="checkbox"/>				a				
2 DIP008DRQ	B			<input type="checkbox"/>					P			
3 DIP008DEL	B			<input type="checkbox"/>					E			
4 DIP008TX				<input type="checkbox"/>								
5 DIP008E1	B			<input checked="" type="checkbox"/>					P			
6 DIP008E2	B			<input checked="" type="checkbox"/>					P			
7 DIP008E3	B			<input checked="" type="checkbox"/>					P			
8 DIP008E4	B			<input checked="" type="checkbox"/>					P			
9 DIP008E5	B			<input checked="" type="checkbox"/>					P			
10 DIP008E6	B			<input checked="" type="checkbox"/>					P			
11 DIP008E7	B			<input checked="" type="checkbox"/>					P			
12 DIP008E8	B			<input checked="" type="checkbox"/>					P			
13 DIP008E9	B			<input type="checkbox"/>					P			
14 CRCK40	A			<input type="checkbox"/>					X			
15 HUNGRYEL	*	*		<input checked="" type="checkbox"/>								
16 TRANSCRIP				<input checked="" type="checkbox"/>					T			

A course condition code needs to be assigned at the requirement level for all requirements to be collected into the total credits total GPA count (CRCK40). In this example, the Condition Code assigned is < X >.

Requirement Name: DIP008DRQ FYT: 2000 3 LYT: 9999 99
 Title: Required Courses-Computer Programmer
 Pseudo Name: DIP008DRQ Requirement Type: [Dropdown]
 Last Modified: Dec 14, 2006 2:04:29 PM By: DELANEMA

Common Reporting Reference/Other Text Limits (X-line) Used By

Completion Rules
 Required Sub-req's: 1 [X - Suppress all]
 Required Hours: 21.0
 Required GPA: 0.0 [X - Suppress all]
 Required Count: 6
 Maximum Hours: 999.9

Condition Code Assignment
 Assignment Control: [Dropdown]
 Assign Condition Codes:

Matching Rules
 Course Condition Codes
 Accept 1/2:
 Reject 1/2:
 Conditional Requirement
 Accept System CC:
 Reject System CC:

Collect the Requirement condition codes in the CRCK40 by assigning a Matching Rule to accept < X > Course Condition Codes (in this example, 40.0 hours were added at the RQ level to get the pie chart to turn on). The original 40.0 credits were not removed at the SRQ level because exceptions previously done might be affected by this change).

Requirement Name: CRCK40 FYT: 2000 3 LYT: 9999 99
 Title: Total Credits
 Minimum of 40 credits with a minimum GPA of 2.0
 Pseudo Name: CRCK40 Requirement Type: S - Summary
 Last Modified: Dec 14, 2006 2:08:07 PM By: DELANEMA

Common Reporting Reference/Other Text Limits (X-line) Used By

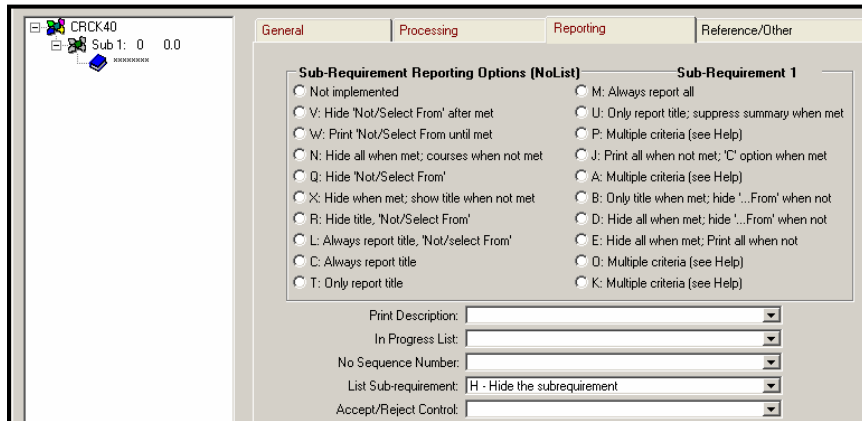
Completion Rules
 Required Sub-req's: 0 [X - Suppress all]
 Required Hours: 40.0
 Required GPA: 2.0
 Required Count: 0 [X - Suppress all]
 Maximum Hours: 999.9

Condition Code Assignment
 Assignment Control: [Dropdown]
 Assign Condition Codes:

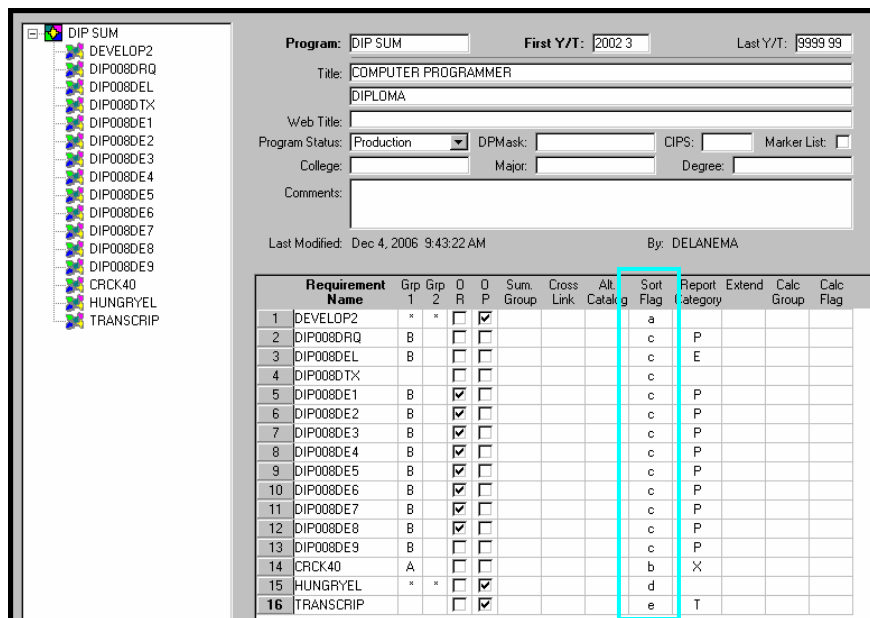
Matching Rules
 Course Condition Codes
 Accept 1/2:
 Reject 1/2:
 Conditional Requirement
 Accept System CC:
 Reject System CC:

Remove original Summary setting RQ Type:

The Requirement Type: was originally set to S – Summary. This needs to be changed to “- <Normal> (default), since it is no longer a summary looking for groups.



The Sub-requirement in CRCK40 needs to be looking for course ***** and in the Alternate View, under the Reporting tab the List Sub-requirement: needs to be set to H-Hide the sub-requirement (so that the audit doesn't list all the courses, but rather just shows a summary of total credits earned, in-progress, and needed, as well as total GPA information).



To get the CRCK40 (total credit/GPA) to print at the beginning of the audit, a sort order in the Sort Flag column needs to be entered. In this example, a-e were used to sort the order in which requirements appeared on the Interactive Audit.

Alternative method:

If encoding of Summary and Groups are kept in place, both the Summary < S > and Groups < G > need to use the same Report Category Code. The Pie Chart only shows hours completed, but not hours needed. The 40 hours would need to be in the Sub-requirement only and remove if encoded at the Requirement level, otherwise, it will appear as if the student needs double the amount of total credits. This alternate method does not provide the best information for students.

NOTE: Please note that this example may need some varied settings, depending on your encoding of Programs and Requirements. You are advised to try this on one program at a time and test each audit before proceeding, since the details of this example do not apply to everyone's encoding.

Additional consideration:

For institutions that only want to count the courses used toward the program (and not other courses that **could** count in those requirement if requirements were able to “over satisfy”), there are different settings that may need to be made.

Here is an example:

Requirement Name	Grp 1	Grp 2	O R	O P	Sum. Group	Cross Link	Alt. Catalog	Sort Flag	Report Category	Extend	Calc Group	Calc Flag
1 DEVELOP	*	*		<input checked="" type="checkbox"/>				c				
2 CR CHECK				<input checked="" type="checkbox"/>				b				
3 BUSN LOG	B			<input type="checkbox"/>				b	P			
4 BUS LG EL	B			<input type="checkbox"/>				b	E			
5 WAIVE GE				<input type="checkbox"/>				b				
6 GENED AAS	B			<input type="checkbox"/>				b	G			
7 TOT CR 64				<input type="checkbox"/>				a	X			
8 HUNGRYEL	*	*		<input checked="" type="checkbox"/>				d				

BUSN LOG, BUS LG EL, and GENED AAS are the requirements this institution wants to count toward the TOT CR 64 requirement.

Requirement Name: BUSN LOG **FYT:** 2008 3 **LYT:** 9999 99

Title: Required Courses-Business Logistics Management

Pseudo Name: BUSN LOG **Requirement Type:** []

Last Modified: May 21, 2007 9:13:40 AM **By:** DELANEMADA

Completion Rules

Required Sub-req's: 5 [X - Suppress all]

Required Hours: 41.0

Required GPA: 0.0

Required Count: 0 [X - Suppress all]

Maximum Hours: 999.9

Condition Code Assignment

Assignment Control: []

Assign Condition Codes: [] [X]

Matching Rules

Course Condition Codes

Accept 1/2: [] []

Reject 1/2: [] []

Conditional Requirement

Accept System CC: []

Reject System CC: []

They only want the courses/GPA that are “used” in the requirements, but not additional courses (above and beyond) that may drop through the requirement in the “match phase” of DARS processing, and get assigned a Condition Code. In this case, the Assign Condition Code < X > is entered in the second box (ASSIGNC2). This field sets its condition code value to every course assigned to every sub-requirement within this requirement after all course adjustments and limit processing have taken place. This capability exactly matches the effect of a sub-requirement's ASSIGNC2 field.

This Assign Condition Code < X > needs to be entered in BUSN LOG, BUS LG EL, and GENED AAS.

Requirement Name: TOT CR 64 **FYT:** 2000 3 **LYT:** 9999 99

Title: Total Credits

Minimum of 64 credits with a minimum GPA of 2.0

Pseudo Name: TOT CR 64 **Requirement Type:** []

Last Modified: May 18, 2007 2:52:57 PM **By:** DELANEMADA

Completion Rules

Required Sub-req's: 0 [X - Suppress all]

Required Hours: 64.0

Required GPA: 2.0

Required Count: 0 [X - Suppress all]

Maximum Hours: 999.9

Condition Code Assignment

Assignment Control: []

Assign Condition Codes: [] []

Matching Rules

Course Condition Codes

Accept 1/2: [X] []

Reject 1/2: [] []

Conditional Requirement

Accept System CC: []

Reject System CC: []

Next, the < X > needs to be set on the Matching Rules as an Accept 1 or 2 condition code in the TOT CR 64 Requirement, in order to accept all courses assigned.

The screenshot shows a software window with a title bar containing 'TOT CR 64' and 'Sub 1: 0 0.0'. The main area has four tabs: 'General', 'Processing', 'Reporting', and 'Reference/Other'. The 'Processing' tab is active, showing settings for 'Sub-Requirement 1'. Under 'Course Matching Control', the 'Sequence Check' dropdown is set to '2 - Check during 2nd MATCH phase' and is circled in red. Other dropdowns include 'Credit Scan (AllRes)', 'Ignore Cross-listed/Ignored', and 'From 'Accept' Course List Only'. The 'Course Grouping' section has fields for 'Group Control', 'Hours/Count Minimum' (0), 'Maximum' (99), 'Grouping Limit', 'Group Min' (0), 'Group Max' (99), and 'Ref. Group Number' (0). The 'Course Table Processing' section has 'Order', 'Adjust From.', 'Stop', and 'Limit' dropdowns. The 'Condition Code Control Memberships' section has a row of 12 checkboxes.

Additionally, at the Sub-requirement level, in the Alternate View, Processing tab, Sequence Check: needs to be set at “2 - Check during 2nd MATCH phase.” If SEQCHK = '2', then this sub-requirement will be processed during the second matching cycle, after all course adjustments and limit checks have been done.

Special consideration needs to be taken when ALLOWSPPLIT.COM is set to < Y >. In this case, please contact the DARS Team to assist with encoding for IA, in relation to Summary/Group alternatives.

IMPORTANT NOTE: We advise that you test the audit thoroughly to make sure all requirements are processing correctly, prior to changing encoding for multiple programs. Never assume that every program’s encoding will work in the same manner, since programs vary in the way they process courses. You should test using LISTA (list all) to make sure the correct courses are processing in the manner you want them to process and print on the audit. If your audit is processing correctly, your Interactive Audit charts and graphs categories should reflect that processing.

Revised: 06/04/2007