

Weighted Average Grades

Using GPACAL=V to Determine Meaningful Composite Grades

Purpose: Setting up DARS to assign a more meaningful composite grade (instead of TWA - transfer weighted average) based on GPA points assigned to the TARGET course.

The default set-up is to use a grade 'symbol' like TWA for any many-to-one or many-to-many course articulations where both source courses have an 'addct' of 1, or to use a grade symbol like NTWA for any many-to-one or many-to-many course articulations where one or both source courses have an 'addct' of 0.

The set up provided here will show you how to use the GPACAL field in the TARGET IREF Grade Definition to test for quality points entered in the GPA field against the GPA quality points already assigned to the composite course through the articulation process of the many-to-one or many-to-many articulation. Go to the Master Institutional Reference Table by clicking on this icon:



Choose your own institution (TARGET) and click on the Grade Definition in the tree view. You will need to add a grade for each GPA check level that you wish to use. This example shows eleven grade entries plus an entry for in-progress grades, using its own condition symbol. If you don't use + and – grading you'd only need 4 grade entries, (Indicated by tan-colored arrows) plus an entry for combined courses where one or both has a failing grade – like NTWA.

This school has chosen to use TR as the first two characters of the grade followed by the actual letter grade. In the examples provided by Miami University they use TA V, TA-V, TB+V, etc. We assume the 'V' stands for 'variable'. You can choose how you wish to report the grade.

-999999 WINONA STATE UNIVERSITY - TARGET																	
	Type	IU	Grade	A	R	UI	UGrd	Acu	Rcu	GPA	Calc	Crdt	Ct	C1C2UC1UC2	Yr	Trm	Range
8	Grade	<input type="checkbox"/>	TRZ			<input checked="" type="checkbox"/>	VARS	INP		.000	V	I	1				-
9	Grade	<input type="checkbox"/>	TRA			<input checked="" type="checkbox"/>	VARS			4.000	V	I	1				-
10	Grade	<input type="checkbox"/>	TRA-			<input checked="" type="checkbox"/>	VARS			3.670	V	I	1				-
11	Grade	<input type="checkbox"/>	TRB+			<input checked="" type="checkbox"/>	VARS			3.300	V	I	1				-
12	Grade	<input type="checkbox"/>	TRB			<input checked="" type="checkbox"/>	VARS			3.000	V	I	1				-
13	Grade	<input type="checkbox"/>	TRB-			<input checked="" type="checkbox"/>	VARS			2.700	V	I	1				-
14	Grade	<input type="checkbox"/>	TRC+			<input checked="" type="checkbox"/>	VARS			2.300	V	I	1				-
15	Grade	<input type="checkbox"/>	TRC			<input checked="" type="checkbox"/>	VARS			2.000	V	I	1				-
16	Grade	<input type="checkbox"/>	TRC-			<input checked="" type="checkbox"/>	VARS			1.700	V	I	1				-
17	Grade	<input type="checkbox"/>	TRD+			<input checked="" type="checkbox"/>	VARS			1.300	V	I	1				-
18	Grade	<input type="checkbox"/>	TRD			<input checked="" type="checkbox"/>	VARS			1.000	V	I	1				-
19	Grade	<input type="checkbox"/>	TRD-			<input checked="" type="checkbox"/>	VARS			.700	V	I	1				-

GPA TEST VALUE

CAPITAL 'I' – TELLS DARS TO BRING IN QUALITY POINTS

TEST TO SEE IF COMPOSITE IS THE GPA POINT OR HIGHER

UNIVERSAL SYMBOL THAT GETS ASSIGNED BASED ON THE VALUES YOU IDENTIFY UNDER THE GPA TAB (TARGET IREF) FOR UNIVERSAL PASSED AND UNIVERSAL NOT PASSED.

Course	Credit	GPA
GPA Scale: 0.000		
Default Grades:		
Universal Passed: VARS		
Universal Not Passed: FAIL		

Here is another set up using a different reporting grade. This table includes a NTWA.

A*	Type	IU	Grade	A	R	UI	UGrd	Acu	Rcu	GPA	Calc	Crdt	Ct	C10
56	Grade	<input type="checkbox"/>	NTWA			<input checked="" type="checkbox"/>	FAIL			.000	N	I	0	
57	Grade	<input type="checkbox"/>	TA V			<input checked="" type="checkbox"/>	VAR5			4.000	V	I	1	
58	Grade	<input type="checkbox"/>	TA-V			<input checked="" type="checkbox"/>	VAR5			3.700	V	I	1	
59	Grade	<input type="checkbox"/>	TB+V			<input checked="" type="checkbox"/>	VAR5			3.300	V	I	1	
60	Grade	<input type="checkbox"/>	TB V			<input checked="" type="checkbox"/>	VAR5			3.000	V	I	1	
61	Grade	<input type="checkbox"/>	TB-V			<input checked="" type="checkbox"/>	VAR5			2.700	V	I	1	
62	Grade	<input type="checkbox"/>	TC+V			<input checked="" type="checkbox"/>	VAR5			2.300	V	I	1	
63	Grade	<input type="checkbox"/>	TC V			<input checked="" type="checkbox"/>	VAR5			2.000	V	I	1	
64	Grade	<input type="checkbox"/>	TC-V			<input checked="" type="checkbox"/>	VAR5			1.700	V	I	1	

Remember that each of the grades must also be entered into your audit grade table under the Support Tables icon:

A*	Grade	Report Grade	GPA Pt	GPA Calc	Add Credit	Add Count	IP	Cor
5	TRA		4.000	I	Y	1	<input type="checkbox"/>	TAB
6	TRA-		3.670	I	Y	1	<input type="checkbox"/>	TAB
7	TRB+		3.330	I	Y	1	<input type="checkbox"/>	TBC
8	TRB		3.000	I	Y	1	<input type="checkbox"/>	TBC
9	TRB-		2.670	I	Y	1	<input type="checkbox"/>	TBC
10	TRC+		2.330	I	Y	1	<input type="checkbox"/>	TCG
11	TRC		2.000	I	Y	1	<input type="checkbox"/>	TCG
12	TRC-		1.670	I	Y	1	<input type="checkbox"/>	TCG
13	TRD+		1.330	I	Y	1	<input type="checkbox"/>	TDG
14	TRD		1.000	I	Y	1	<input type="checkbox"/>	TDG
15	TRD-		.670	I	Y	1	<input type="checkbox"/>	TDG
16	TRZ		.000	I	Y	1	<input type="checkbox"/>	TCG

Here's how a Weighted Average grade looks on an audit using the default set up:

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OK      Transfer Courses that apply to Emphasis Area 8 of the MnTC
        at Anoka Ramsey

+ 1) Global Perspective Emphasis Area
        12.67 CREDITS ADDED
S 88 GERM1101      5.0 TWA      Beginning German I      ++
                                NO. HENN: GERM0101,0102,0103
S 88 GERM1102      5.0 TWA      Beginning German I      ++
                                NO. HENN: GERM0101,0102,0103
S189 PSYC2215      2.6 TB       Human Growth & Development
                                SCSU      : PSY2215
  
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Here's how a Weighted Average grade looks on an audit using the 'meaningful composite grade' set up:

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        EVALUATED TRANSFER WORK:
EARNED:  10.0 HOURS                                3.46 GPA
*        Southwest State University
        Abbreviated on Report as:  SWSU
        7.0 HOURS ADDED      2 COURSES TAKEN      3.23 GPA
F 02 ELECT001      1.0 TA-      Fund of College Writing
                                SWSU      : ENG 101
S 03 ENG 111      6.0 TRB      The Essay      ++
                                SWSU      : ENG 102,103
  
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Special Consideration for In-Progress transfer courses:

You will need additional setup to accommodate in progress grades; in MnSCU, these are courses with a grade of Z. Without this special setup, a Z graded course, which typically has an AddCt of 1, will combine with any non-Z graded course that also has an AddCt of 1 and will just have the identity associated with the non-Z graded course. For example, in a many to one rule, with the student earning a C grade in one course and a Z in the second, they will combine, but will become a TRC (or TC V if you use that setup).

We suggest you use the following set up so that all source courses in a many-to-one or many-to-many rule, process with a TRZ (or TZ V) transfer in-progress grade, as long as any one of the courses used by that rule carry a Z (in-progress) grade.

Step 1:

In the Source Grade Table, add a user defined three-character condition code to the source in-progress grade, which is a Z grade in this example. We used IPZ in this example. Put the code in the UC1 field.


▲	Type	IU	Grade	A	R	UI	UGrd	Acu	Rcu	GPA	Calc	Crdt	Ct	C1	C2	UC1	UC2	Yr	Trm	Range
23	Grade	<input checked="" type="checkbox"/>	IP				(500			.000	N	Y	1							-
24	Grade	<input checked="" type="checkbox"/>	Z			<input type="checkbox"/>	(500			.000	N	Y	1			IPZ				-
25	Grade	<input checked="" type="checkbox"/>	#			<input type="checkbox"/>	(513			.000	N	N	0							-


Step 2:

In the Target Grade table, in your set up for the VARS transfer in-progress grade (in this case TRZ) put that same three-character code in the Acu column.

▲	Type	IU	Grade	A	R	UI	UGrd	Acu	Rcu	GPA	Calc	Crdt	Ct	C1	C2	UC1	UC2	Yr	Trm	Range
27	Grade	<input type="checkbox"/>	NTwΔ			<input checked="" type="checkbox"/>	FAIL			.000	N	N	0							-
28	Grade	<input type="checkbox"/>	TRZ			<input checked="" type="checkbox"/>	VARS IPZ			.000		Y	1							-
29	Grade	<input type="checkbox"/>	TRA			<input checked="" type="checkbox"/>	VARS			4.000	V	I	I							-

In this test scenario, the student has finished CHEM117 with a grade of A, but has a Z (in progress) grade in the CHEM117L lab course.


 Yr/Trm	Course	RCredit	Grade	Ecredit	Title
1 20073	CHEM117	3.00	A	3.00	Chemical Concepts & Appl
2 20075	CHEM117L	1.00	Z	1.00	Chemical Concepts & Appl Lab
AA**99**		4.00		4.00	


 Yr/Trm	Crs Num	RCredit	Grade	Ecredit	Pflg	Condc	All
1 20075	CHEM1101	4.00	TRZ	4.00	<input type="checkbox"/>		

Here is how this appears in an audit:

S 07	CHEM1101	4.0	TRZ	Chemical Concepts & Appl La++	
				MDSU : CHEM117L,117	

Once the completed grade comes in for the CHEM117L class and re-articulation is done, the grade changes.

 Yr/Trm	Course	RCredit	Grade	Ecredit	Title
1 20073	CHEM117	3.00	A	3.00	Chemical Concepts & Appl
2 20075	CHEM117L	1.00	B	1.00	Chemical Concepts & Appl Lab
AA**99**		4.00		4.00	

 Yr/Trm	Crs Num	RCredit	Grade	Ecredit	Pflg	Condc	Alt
1 20075	CHEM1101	4.00	TRB	4.00	<input type="checkbox"/>		Cl

Here is how this appears in the audit:

S 07 CHEM1101	4.0 TRB	Chemical Concepts & Appl La++ NDSU : CHEM117L,117
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Revised: 12/20/06