

## Articulating a Repeated Source Course in a many-to-one rule

Acceptable courses of D and C articulate in a many-to-one articulation. The D grade course is retaken. How can I get my many-to-many TA rule to articulate with the second occurrence, and identify the D grade course as a duplicate?

The encoding occurs in 4 places:

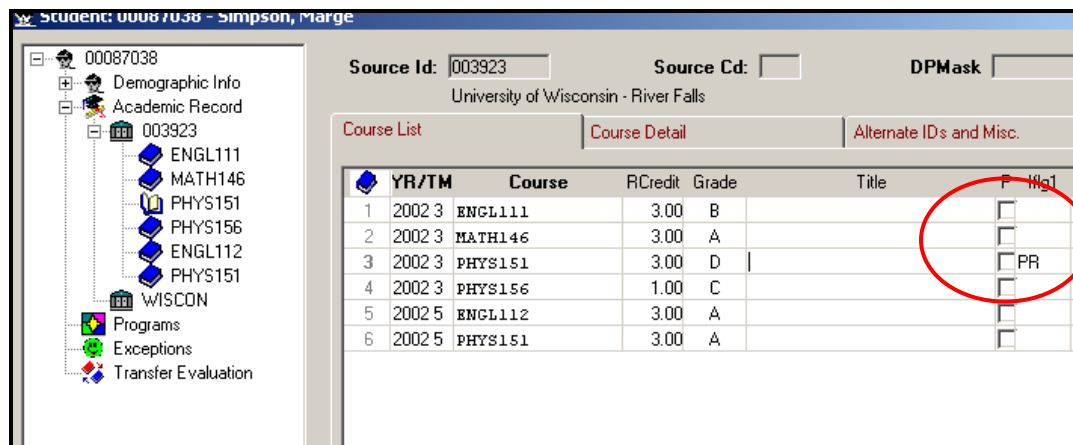
- Student record (Joe Cool)
- Source Master Reference Table (IREF)
- Target Master Reference Table (IREF)
- Transfer Articulation table (TA)

**Note:** This process requires that you have set-up **Accepting Repeated Source Courses.**  
(<http://www.dars.mntransfer.org/updates/AcceptingRepeatedSourceCourses.pdf>)

### Student Record (Joe Cool)

In the example below, the student has taken Phys 151 with a grade of D and Phys 156 with a C. The student retakes Phys 151 for a grade of A.

Before you articulate the student record, you will need to identify the duplicated course with a Flag. The Flag is user defined and can be up to 3 characters long. In the example below, the flag (lflg1) is < PR >.



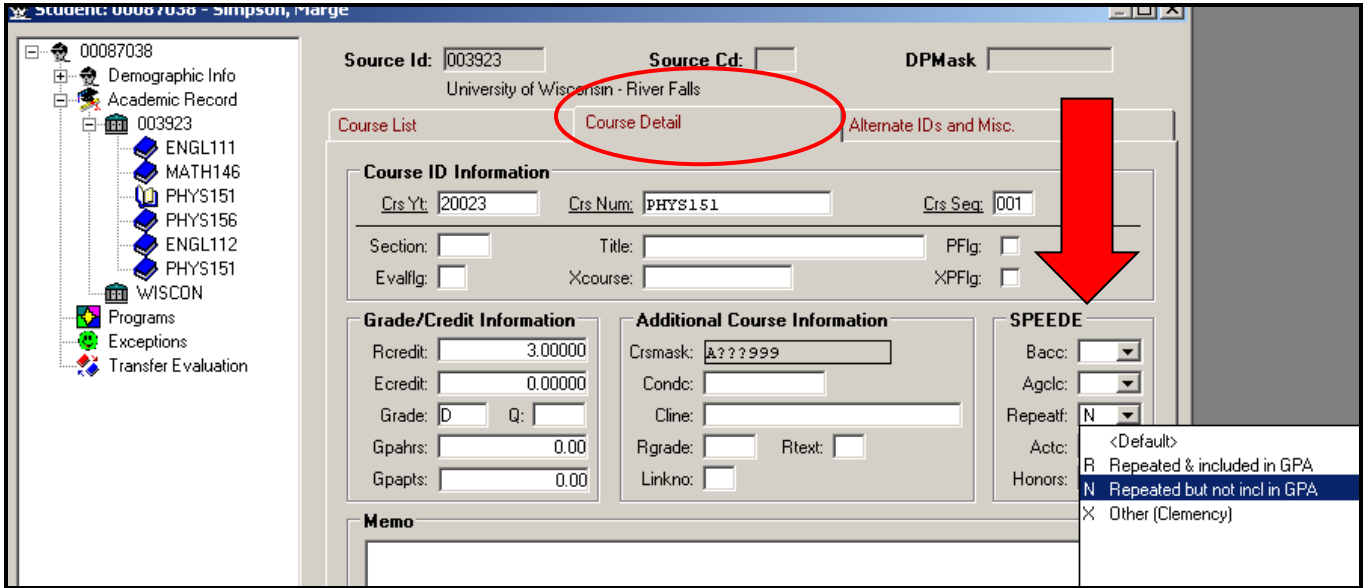
Student: 00087038 - Simpson, Marge

Source Id: 003923 Source Cd: DPMask

University of Wisconsin - River Falls

YR/TM	Course	RCredit	Grade	Title	F	lflg1
1	2002 3 ENGL111	3.00	B		<input type="checkbox"/>	
2	2002 3 MATH146	3.00	A		<input type="checkbox"/>	
3	2002 3 PHYS151	3.00	D		<input type="checkbox"/>	PR
4	2002 3 PHYS156	1.00	C		<input type="checkbox"/>	
5	2002 5 ENGL112	3.00	A		<input type="checkbox"/>	
6	2002 5 PHYS151	3.00	A		<input type="checkbox"/>	

On the Course Detail tab, set the SPEEDE Repeatf to a value of < N >, Repeated but not incl in GPA. (See Accepting Repeated Source Courses document at <http://www.dars.mntransfer.org/updates/AcceptingRepeatedSourceCourses.pdf> for details.)



### Source Master Reference Table (IREF)

Define the Flag < PR > on the Source Grade Definition. The Flag is checked in the I-to-U direction, with a count (Ct) of < 1 >, and a (user defined) Universal Condition Code (UCI) of < PR >. The Flag should be identified before grades.

### Source IREF

Institutional Reference: 003923 19913-99999 University of Wisconsin - River Falls

	Type	IU	Grade	A	R	UI	UGrd	Acu	Rcu	GPA	Calc	Crd	Ct	C1	C2	UC1	UC2	Yr	Trm	Range
1	SPEEDE	<input checked="" type="checkbox"/>	R:N	<input type="checkbox"/>						.000		1			RPT					
2	Flag	<input checked="" type="checkbox"/>	PR	<input type="checkbox"/>						.000		1			PR					
3	Grade	<input checked="" type="checkbox"/>	A+	<input type="checkbox"/>			4.0			4.000	Y	Y	1							
4	Grade	<input checked="" type="checkbox"/>	A	<input type="checkbox"/>			4.0			4.000	Y	Y	1							
5	Grade	<input checked="" type="checkbox"/>	A-	<input type="checkbox"/>			3.7			3.670	Y	Y	1							
6	Grade	<input checked="" type="checkbox"/>	AB	<input type="checkbox"/>			3.5			3.330	Y	Y	1							
7	Grade	<input checked="" type="checkbox"/>	B+	<input type="checkbox"/>			3.3			3.330	Y	Y	1							
8	Grade	<input checked="" type="checkbox"/>	B	<input type="checkbox"/>			3.0			3.000	Y	Y	1							
9	Grade	<input checked="" type="checkbox"/>	B-	<input type="checkbox"/>			2.7			2.670	Y	Y	1							
10	Grade	<input checked="" type="checkbox"/>	BC	<input type="checkbox"/>			2.5			2.330	Y	Y	1							
11	Grade	<input checked="" type="checkbox"/>	C+	<input type="checkbox"/>			2.3			2.330	Y	Y	1							
12	Grade	<input checked="" type="checkbox"/>	C	<input type="checkbox"/>			2.0			2.000	Y	Y	1							
13	Grade	<input checked="" type="checkbox"/>	C-	<input type="checkbox"/>			1.7			1.670	Y	Y	1							
14	Grade	<input checked="" type="checkbox"/>	CD	<input type="checkbox"/>			1.5			1.330	Y	Y	X							
15	Grade	<input checked="" type="checkbox"/>	D+	<input type="checkbox"/>			1.3			1.330	Y	Y	X							
16	Grade	<input checked="" type="checkbox"/>	D	<input type="checkbox"/>			1.0			1.000	Y	Y	X							
17	Grade	<input checked="" type="checkbox"/>	D-	<input type="checkbox"/>			0.7			.670	Y	Y	X							
18	Grade	<input checked="" type="checkbox"/>	DF	<input type="checkbox"/>			0.5			.670	Y	Y	X							
19	Grade	<input checked="" type="checkbox"/>	F	<input type="checkbox"/>			0.0			.000	Y	N	0							
20	Grade	<input checked="" type="checkbox"/>	IP	<input type="checkbox"/>			505			.000	N	N	0							

## Target Master Reference Table (IREF)

Define the Flag on the Target Grade Definition. The Condition of < PR > is checked in the U-to-I direction, and given a count (Ct) of < 1 >. Assign a user defined course Condition Code in the C1 column. In the example below, the course Condition Code is < u >.

## Target IREF

	Type	IU	Grade	A	R	UI	UGrd	Acu	Rcu	GPA	Calc	Crd	Ct	C1	C2	UC1	UC2	Yr	Trm
1	Condition	<input type="checkbox"/>				<input checked="" type="checkbox"/>	RPT			.000	N	N	0	-	+	\$GF	\$CR	-	-
2	Condition	<input type="checkbox"/>				<input checked="" type="checkbox"/>	PR			.000			1	u				-	-
3	Grade	<input type="checkbox"/>	A+			<input checked="" type="checkbox"/>	4.0			4.000	Y	Y	1					-	-
4	Grade	<input type="checkbox"/>	A			<input checked="" type="checkbox"/>	4.0			4.000	Y	Y	1					-	-
5	Grade	<input type="checkbox"/>	A-			<input checked="" type="checkbox"/>	3.7			3.666	Y	Y	1					-	-
6	Grade	<input type="checkbox"/>	AB			<input checked="" type="checkbox"/>	3.5			3.500	Y	Y	1					-	-
7	Grade	<input type="checkbox"/>	B+			<input checked="" type="checkbox"/>	3.3			3.333	Y	Y	1					-	-
8	Grade	<input type="checkbox"/>	B			<input checked="" type="checkbox"/>	3.0			3.000	Y	Y	1					-	-
9	Grade	<input type="checkbox"/>	B-			<input checked="" type="checkbox"/>	2.7			2.666	Y	Y	1					-	-
10	Grade	<input type="checkbox"/>	BC			<input checked="" type="checkbox"/>	2.5			2.500	Y	Y	1					-	-
11	Grade	<input type="checkbox"/>	C+			<input checked="" type="checkbox"/>	2.3			2.333	Y	Y	1					-	-

Define the Condition on your list of Condition Descriptions. The condition is a course condition code.

62	<input type="checkbox"/> t	Course:	
		System:	
63	<input type="checkbox"/> u	Course:	Assigned to PR (repeated) IFLAG transfer courses
		System:	
64	<input type="checkbox"/> w	Course:	
		System:	

## Transfer Articulation table (TA)

In our example, “the student has taken Phys 151 with a grade of D and Phys 156 with a C. The student retakes Phys 151 for a grade of A.”

The many-to-one TA rule for Phys 151 and Phys 156 is below. By applying the condition code < u > in the Reject (R) column to Phys 151, DARS processing does not allow the D grade course to pair in the many-to-one rule. The D grade course is rejected. (Remember, the Iflag of < PR > assigned to the D grade, in Student Record, above, received the condition code of < u >.)

## TA Table

Name: University of Wisconsin - River Falls LYT: 999999  
 Default InstID: CD: Universal Mask: Group: PHYS

Segment	Cond	Lim Ct	Lim Hrs	Ctl Cd	A	R	Status	Memo
6	PHYS		0	.00				

Source	P	Title	T	Hours	A	R	Effective Date
1	PHYS151	General Physics I	<input type="checkbox"/>	0.00		u	-
2	PHYS156	General Physics Lab I	<input type="checkbox"/>	0.00			-

A??9999 Rows: 2

Target	P	Title	Hours	F	Status
1	PHYS1041		0.00	<input type="checkbox"/>	

AAAA9999 Rows: 1

Alternate | Flags  
 PHYS1041 P  
  
  
  
 AAAA9999

## Student Record, Transfer Articulation view

After the processing, the Phys 151, with the grade of A, and Phys 156, with the grade of C, articulate to Phys 1041, with the grade of TWA.

Exceptions  
 Transfer Evaluation  
 003923

Dpmask	Group	Lock	Certify	Memo	Last Updated By:	Date
4	004	<input type="checkbox"/>			DANDREMA	09/01/05

Yr/Trm	Course	RCredit	Grade	ECredit	Title	Pflg	lflg1	Seq
1	20025 PHYS151	3.00	A	3.00	General Physics I	<input type="checkbox"/>		001
2	20023 PHYS156	1.00	C	1.00	Gen Physics Lab I	<input type="checkbox"/>		001

A??9999 4.00 4.00

Yr/Trm	Crs Num	RCredit	Grade	ECredit	Pflg	Condc
1	20025 PHYS1041	4.00	TWA	4.00	<input type="checkbox"/>	

AAAA9999 4.00 4.00

Alternate | Flags  
 PHYS1041 P  
  
  
  
 AAAA9999

The duplicate course, Phys 151 with the grade of D, articulates to PhysT015, with the grade of TD. The Reserved Condition codes of < - >, < + >, and < u > are assigned to the duplicate course.

Source Id: 003923      Source Cd:

Target Id: WISCON      Target Cd:       DPMask:

Lock All      Unlock All      Export All

Dpmask	Group	Lock	Certify	Memo	Last Updated By:	Date
5	005	<input type="checkbox"/>	<input type="checkbox"/>		DANDREMA	09/01/05

Yr/Trm	Course	RCredit	Grade	ECredit	Title	Pflg	Iflg1	Seq
1	20023	PHYS151	3.00	D	3.00	General Physics I	<input type="checkbox"/>	PR 001
		A???	9999	3.00	3.00			

Yr/Trm	Crs Num	RCredit	Grade	ECredit	Pflg	Condc
1	20023	PHYST015	3.00	TD	0.00	--u
		AAAA	9999	3.00	0.00	

Condc's of -, +, and u

PHYS GOAL 3

AAAA9999

## Audit appearance

In the audit, Phys 151, with the grade of D, receives a TD, with no credits and no GPA value. Phys 151, with the grade of A and Phys 156 with the grade of C, combine to Phys 1041, with a weighted average grade of TWA.

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Goal Three: Natural Sciences
Minimum of 7 credits, two different disciplines & one lab.
1) One laboratory course required:
S 02 PHYS1041      4.0 TWA   General Physics I      ++
                UWRF    : PHYS151,156
2) Two different disciplines required:
F 01 PHYST014     0.0 TD   >X General Physics I
                UWRF    : PHYS151
                >>MATCHED AS: PHYS GOAL 3
S 02 PHYS1041     4.0 TWA   General Physics I      ++
                UWRF    : PHYS151,156

COURSE LIST- BIOLOGY: BIOL 1020,1024,1025,1026,1028,
                  BIOL 1030,1035,1041,1042
                  CHEMISTRY: CHEM 1020,1041,1042
                  NATURAL SCI: NSCI 1020,1030,1040,1045,1050,1055,
                  NSCI 1060,1065,1070,1075
                  PHYSICS: PHYS 1021,1022,1042,1081,1082

```

**Note:** This encoding process can be applied to other many-to-one, or many-to-many articulations. By using this process, **and the condition codes you have established above**, you can limit duplicate occurrences within many-to-one or many-to-many articulations for other students and other courses.

To apply this process to other students and other courses,

- Assign the established IFLAG on the duplicate course on the Student Record
- Set the SPEEDE value of Repeatf: N on the Student Course Detail tab
- Add the Flag on the Source Grade Table
- Assign the established condition code on the course on the TA table matching the student's record

**Note:** Include the Source Flag definition on your generic IREF for future duplicate many-to-one, or many-to-many occurrences.

Revised: 08/19/15