

# MISTAR GRADUATION REQUIREMENTS

Janell Craig, Oakland Schools  
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## Agenda

- ☐ Configuration
  - ☐ Tables / Modules
  - ☐ Preparation
  - ☐ Build Sum & Eligibility Rules
- ☐ Functionality
- ☐ Best Practice & Uses
- ☐ Q&A

## Graduation Requirements

- ☐ Can be used to verify graduation eligibility
  - ▣ Course Credits (required, earned, short)
  - ▣ Activities
  - ▣ Test History
- ☐ Can be configured to Personal Curriculum level
- ☐ Viewable (by permissions)
  - ▣ Academic History
  - ▣ Profile
  - ▣ Student/Parent Portal

## Configuration – Tables / Modules

- ☐ \*Required
  - ▣ \*Eligibility Rule Types (zerultyp)
  - ▣ \*Graduation Requirement Codes (zgradreq)
  - ▣ Subject Codes (zsubject)
  - ▣ Activities Type & Activity Codes (zacttyp & zactiv)
  - ▣ Test History

## Configuration – Preparation

### Fields to Sum

Fields to Sum	Sum Selection	Gr
Field: Grad Credit Awarded		
Description: Grad Credit Awarded		
Table: [microsc]		
Fields to Sum: [gradcredit]		

### Sum Selection

Fields to Sum	Sum Selection	Gr
Selection: Course Code		
Description: Course Code		
TableField: SE Course Code		
TableField: Subject		
TableField: Subject Code		
TableField for Join:		
TableField for Select:		
Description Fields:		

### Requirements

Graduation Requirements	Eligibility Rule
Class 2013	Class 2013
Class 2014	Class 2014
Class 2015	Class 2015
Class 2016 and Greater	Class 2016 & Beyond

### District Courses > Subject Code

Requirements	Subject Codes	2013	2014	2015	2016
Graduation Class		24	24	24	24
Total Credits Req to Graduate					
Language Arts *Required		4.0	4.0	4.0	4.0
LA I	LA1				
LA II	LA2				
LA III	LA3				
LA IV (S)	LA4				
LA Elective (S)	LA5				
Mathematics *Required		4.0	4.0	4.0	4.0
Algebra I	MA1				
Geometry	MA2				
Algebra II	MA3				
Mathematics related course(s) in 12th grade	MA4				
	MA5				

Course Code	Description
HLA1001A	Language Arts 1A

General	Credits / Codes	GPA / Categories	State
Subject			
LA1 - Lang Arts 1		Low Grade	
		09 - Ninth	
Department		High Grade	
Language Arts		10 - Tenth	
Status		Gender	
Active		Parent	

## Configuration – Preparation

### Use SP to mass assign Grad Requirement to Student

#### \*ensure SP excludes Prg&Svc Records = Pers Curr?

Category:	Sut
GRADREQ	<N

Select Procedure
<input checked="" type="checkbox"/> Mass Change Grad Requirements

Grad Req Code:	
Grade Level:	
School Code:	

### Student Editor > Miscellaneous Tab > Grad Req

Home Language	English
Primary Language	English
Career Plan	
Graduation Requirement	Class 2015

## Configuration – Build Categories/Groups

### □ Sum Groups:

- Default = “Academic Courses” count only in one sum.
- Use multiple groups if credit counts more than one sum.
  - Create a Sum Group called 9<sup>th</sup> Grade
  - Associate this group with sums that look at specific courses for 9<sup>th</sup> grade only etc.
  - Eligibility would be created for each sum group

Eligibility	Sums	Sum Categories	Sum Groups
Description			
Academic Courses			
Or			
9th Grade			
10th Grade			

## Configuration – Build Categories/Groups

- Sum Categories
- Used when multiple Sums can meet an eligibility
- Want one Sums be filled; w/o split credit over multiple sums; example:
  - CA districts require 10 credits in For. Lang. or Fine Arts.
  - Requirement not met credits split 5 For. Lang/5 Fine Arts.
  - A Sum Category forces credits to one or other area to meet eligibility.

Eligibility	Sums	Sum Categories	Sum Groups
Description			
Fine Arts/Foreign Lang			

## Configuration - Build Sums

### □ Create Sums

Eligibility	Sums	Sum
Description	Max Sum	
LA - Language Arts I	1	
LA - Language Arts II	1	
LA - Language Arts III	1	
LA - Language Arts IV	0.5	
LA - Language Arts Elective	0.5	
MA - Algebra I	1	
MA - Geometry	1	
MA - Algebra II	1	
SC - Geophysical Science	1	
SC - Biology	1	
SC - Chemistry or Physics	1	
SS - US History	1	
SS - World Studies	1	
SS - American Civics	1	
PE - Personal Fitness	0.5	
PE - Health	0.5	
PA - Perform / Visual Arts	1	
MA - Senior Yr Math	1	
Addtl PAVA or CTE	1	
Seminar (Prior to 12/11)	1.5	
Open Electives	5.5	

□ Typically, these will follow individual level graduation requirements

- 1 credit for Eng 9,
- 1 Credit for Eng 10
- Note 4<sup>th</sup> Math configuration

Requirements	Subject Codes	2013	2014	2015	2016
Graduation Class		24	24	24	24
Total Credits Req to Graduate		24	24	24	24
Language Arts *Required:		4.0*	4.0*	4.0*	4.0*
LA I	LA1				
LA II	LA2				
LA III	LA3				
LA IV (.5)	LA4				
LA Elective (.5)	LAE				
Mathematics *Required:		4.0*	4.0*	4.0*	4.0*
Algebra I	MA1				
Geometry	MA2				
Algebra II	MA3				
Math/Math related course(s) in 12th grade	MA4				
	MAE				

## Configuration – Build Sums

### □ Sum Details – By Subject or Course:

Selection	Selection: Subject	Selection	Selection: Course Code
Not Selected:	Selected:	Not Selected:	Selected:
ATTND - Attendance	MA1 - MA1 - Algebra 1	HLR1911B - AI Support B	HMA1011A - Algebra I A
CTE - CTE - Career Tech		HLR4001A - Ind Study Chemistry A	HMA1011B - Algebra I B

### □ 4<sup>th</sup> Math: Count multiple attributes using conjunctions & nesting:

(	Field trnsrpt.subject	IN ('MA1','MA2','MA3','MA4')	(	Field trnsrpt.subject	IN ('SC3')
AND	Field trnsrpt.graden	IN (12)	AND	Field trnsrpt.graden	IN (12)
)			)		
OR			OR		
(	Field trnsrpt.subject	IN ('SC2')	(	Field trnsrpt.subject	IN ('CTM')
AND	Field trnsrpt.graden	IN (12)	AND	Field trnsrpt.graden	IN (12)
)			)		
OR					

## Requirement - Build Eligibility

### □ Create Eligibility using sums created

- Includes but not limited to aggregate level graduation requirements (4 Credits for English, 4 Credits Math etc.)

## Requirement - Build Eligibility

### □ Create Eligibility – Activities

- Mass Add Activities
- Mass Change to Complete
  - Use groups for exceptions?

## Requirement - Build Eligibility

### □ Create Eligibility – Tests

Conjunction  
Nest  
Sum  
Sum Category  
Test  
Activity  
Eligibility

Display Test Results

Test Not Taken: Not Taken  
Passed Test: Passed  
Failed Test: Not Passed

Test: Michigan Merit Exam - MME Math

03/08/2013	11	Michigan Merit Exam	MME Math (Performance Level)	2	<input checked="" type="checkbox"/>
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- Eligibility can also be built on tests (taken and/or passed; not passed).
- Eligibility driven off data included in testing module.

## Functionality - Results

### □ Visible by:

### □ Configuration Structure

or Student Detail

Config > Results tab

Academic History

Eligibility	Sum	Sum Categories	Sum Groups
Type	Write	Description	
Eligibility	Y	LA - Language Arts	
Eligibility	Y	MA - Mathematics	
Eligibility	Y	SC - Science	
Eligibility	Y	SS - Social Studies	
Eligibility	Y	PE - Physical Education	
Eligibility	Y	PV - Perform and Visual Arts	
Eligibility	Y	Additional Reqs	
Eligibility	Y	Seminar	
Eligibility	Y	Open Electives	
Eligibility	Y	Valid Score on MME	
Eligibility	Y	Total Credits	

Total Grad Credits: 7.0000

Grad Status

Save Quit

## Functionality – Student Detail

### □ From Acad History

Grad Rule: Class 2016 and Greater [Class 2016 & Beyond]						Fail
Type	Description	P	Required	Actual	Short	
E	LA - Language Arts		4.0000	1.0000	3.0000	
E	MA - Mathematics		4.0000	1.0000	3.0000	
E	SC - Science		3.0000	1.0000	2.0000	
E	SS - Social Studies		3.0000	1.0000	2.0000	
E	WL - World Language		2.0000	1.0000	1.0000	
E	PE - Physical Education		1.0000	0.0000	1.0000	
E	PV - Perform and Visual Arts	Y	1.0000	1.0000		
E	----- Additional Reqs		1.0000	0.0000	1.0000	
E	----- Open Electives		5.0000	1.0000	4.0000	
E	----- Valid Score on MME		Incomplete			
E	----- Total Credits		24.0000	7.0000	17.0000	
S	LA - Language Arts I	Y	1.0000	1.0000		
S	LA - Language Arts II		1.0000	0.0000	1.0000	
S	LA - Language Arts III		1.0000	0.0000	1.0000	
S	LA - Language Arts IV		0.5000	0.0000	0.5000	
S	LA - Language Arts Elective		0.5000	0.0000	0.5000	
S	MA - Algebra I	Y	1.0000	1.0000		
S	MA - Geometry		1.0000	0.0000	1.0000	
S	MA - Algebra II		1.0000	0.0000	1.0000	
S	SC - Biology	Y	1.0000	1.0000		
S	SC - Chemistry or Physics		1.0000	0.0000	1.0000	
S	SC - Science Elective		1.0000	0.0000	1.0000	
S	SS - US History	Y	1.0000	1.0000		
S	SS - World Studies		1.0000	0.0000	1.0000	
S	SS - American Civics		1.0000	0.0000	1.0000	
S	WL - World Language		2.0000	1.0000	1.0000	
S	PE - Personal Fitness		0.5000	0.0000	0.5000	
S	PE - Health		0.5000	0.0000	0.5000	
S	PA - Perform / Visual Arts	Y	1.0000	1.0000		
S	----- MA - Senior Yr Math		1.0000	0.0000	1.0000	
S	----- Add'l PAVA or CTE		1.0000	0.0000	1.0000	
S	----- Open Electives		5.0000	1.0000	4.0000	

## Functionality – Student Detail/ Rpts

### □ Calculate by Eligibility

### □ Recalculate Student / Student level Reports

#### ■ By Results , Sum or Allocation (term)

Transcripts by Sum						Transcript Allocation					
Class 2016 and Greater [Class 2016 & Beyond]						Class 2016 and Greater [Class 2016 & Beyond]					
Credits	Year	Term	Subj	Course	Description	Description	Year	Term	Subj	Course	Description
0.0000	2013	H51	LA1	HLA1001A	Language Arts I	Language Arts I	2013	H51	LA1	HLA1001A	Language Arts I
0.0000	2013	H52	LA1	HLA1001A	Language Arts I	Algebra I	0.5000	2013	H51	MA1	HMA1011A
0.0000	2013	H51	MA1	HMA1011A	Algebra I	Algebra I	0.5000	2013	H51	PVA1	HPV1291A
0.0000	2013	H52	MA1	HMA1011A	Algebra I	Algebra I	0.5000	2013	H51	SC1	HSC1011A
0.0000	2013	H51	SC1	HSC1011A	Biology	Algebra I	0.5000	2013	H51	SEM	HAL1001A
0.0000	2013	H52	SC1	HSC1011A	Biology	Algebra I	0.5000	2013	H51	SS1	HSS1001A
0.0000	2013	H51	SS1	HSS1001A	United States History	Algebra I	0.5000	2013	H51	WLA	HWL1041A
0.0000	2013	H52	SS1	HSS1001A	United States History	Algebra I	0.5000	2013	H52	WLA	HWL1041A
0.0000	2013	H51	WLA	HWL1041A	Spanish I	Algebra I	0.5000	2013	H51	LA1	HLA1001A
0.0000	2013	H52	WLA	HWL1041A	Spanish I	Algebra I	0.5000	2013	H52	MA1	HMA1011A
0.0000	2013	H51	PVA	HPV1291A	KatherineMitt Chorus	Algebra I	0.5000	2013	H51	PVA	HPV1291A
0.0000	2013	H52	PVA	HPV1291A	KatherineMitt Chorus	Algebra I	0.5000	2013	H52	PVA	HPV1291A
0.0000	2013	H51	SEM	HAL1001A	Academic Center	Algebra I	0.5000	2013	H52	SC1	HSC1011A
0.0000	2013	H52	SEM	HAL1001A	Academic Center	Algebra I	0.5000	2013	H52	SC1	HSC1011A



## Functionality – Eligibility Detail/ Rpts

### □ By Assigned Rule

Academic History > Reports > Requirement Status

Rule Description	Type	Passed?	Required	Actual	Result
LA - Language Arts	E	No	4.0000	2.5000	
MA - Mathematics	E	No	4.0000	2.0000	
SC - Science	E	No	3.0000	1.5000	
SS - Social Studies	E	No	3.0000	2.5000	
PE - Physical Education	E	No	1.0000	0.5000	
PV - Perform and Visual Arts	E	No	1.0000	0.5000	
----- Additional Regs	E	Yes	1.0000	1.0000	
----- Seminar	E	Yes	1.0000	1.0000	
----- Open Electives	E	No	4.0000	3.0000	
----- Valid Score on NME	E	No			Incomplete
----- Total Credits	E	No	24.0000	14.5000	
LA - Language Arts I	S	Yes	1.0000	1.0000	
LA - Language Arts II	S	Yes	1.0000	1.0000	
LA - Language Arts III	S	No	1.0000	0.0000	
LA - Language Arts IV	S	No	0.5000	0.0000	
LA - Language Arts Elective	S	Yes	0.5000	0.5000	

## Best Practices & Uses

- Be conscious of the manner/order sums are built
  - 4<sup>th</sup> Math Credit
- Requirements built such as graduation requirements are distributed to stakeholders
- Assign subject codes to courses based on graduation requirements
  - Worth the time spent changing if not already set up
- Use subject codes to build requirements
  - Course listing can get very long!

## Best Practices & Uses

- Printed transcripts can include:
  - ▣ Requirements
  - ▣ Current schedule (work in progress)
  - ▣ Courses sorted by and credit grouped by subject code
- Once setup results are verified for accuracy; open permissions for use
  - ▣ Student Profile
  - ▣ Student Portal
  - ▣ Parent Portal

## Questions and Discussion