



Texas Skyward User Group Conference

Interactive Master Schedule Builder and Interactive Scheduling Board

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TX – 6D – Future Scheduling – Using Interactive Master Builder and the Scheduling Board



This session will demonstrate how to use the Interactive Master Builder and the Scheduling Board

- Steps to prepare for using the interactive Master Builder
- Using the Interactive Master Builder
- Using the Scheduling Board

Master Builder Prep Step 4: Create the Course Conflict Matrix

Create Course Conflict Matrix - Entity 001 - WS\OF\FS\BM\PS\UT\CC - 8494 - 05...

Create Course Conflict Matrix

[Run](#)
[Back](#)

Utility Information

This program will create the Course Conflict Matrix. It will be used in the Master Builder to determine the best possible time to schedule a class. This process will read through each course and compare the courses of each student that requests it to the other courses that the student has requested. The Actual and Estimated conflicts can then be viewed or printed.

Create Course Conflict Matrix

Entity: Entity (001) Grades 9 to 12

School Year: ▼

100%

Interactive Master Builder – Range Screen for Singeltons

Interactive Master Schedule Builder - Entity 001 - WS\OF\F\SBM\MS\A - 9850 - 05.15.06.00.06 - Internet Explorer

Interactive Master Schedule Builder

This Process will Assist in the Building of the Master Schedule; including the Assignment of Control Sets, Days, Periods, Teachers and Rooms.

Interactive Master Schedule Builder Options

Show point breakdown in Suggested Value browse

Course and Class Ranges

School Year: 2016-17
 Terms: Entire Year Terms: 01 - 06

Control Sets S1 - S2 - S1 - S2 - Y - YR

Low	High
Course Key: <input type="text"/>	ZZZZZZZZZZ
Grade/Grad Yr: 09 2020	12 2017
Actual Number Of Sections: 1	1
Manual Course Rank: 0	999

Include Required Courses
 Include Elective Courses
 Include Courses Without Student Requests
 Include Classes Previously Scheduled
 Display Period: 01 to 08
 All Subjects

Interactive Value Assignment Options

Suggest Control Sets (Terms) Suggest Day Meets
 Suggest Periods Suggest Staff Members

Suggest Room Numbers

Available Buildings

Select	Building
<input type="checkbox"/>	001 - Building (001)

1 records displayed

Automatically Advance to the Next Class after Scheduling
 Automatically Analyze the Next Class
 Only Display Suggested Values without Errors
 Do Not Display Warnings when Selecting a Suggested Value
 Master Builder Suggestion Rules - Point Breakdown:

Interactive Master Builder – Range Screen for 3 and Up

Interactive Master Schedule Builder - Entity 001 - WS\OF\F\S\BM\M\S\JA - 9850 - 05.15.06.00.06 - Internet Explorer

Interactive Master Schedule Builder

This Process will Assist in the Building of the Master Schedule; including the Assignment of Control Sets, Days, Periods, Teachers and Rooms.

Interactive Master Schedule Builder Options

Show point breakdown in Suggested Value browse

Course and Class Ranges

School Year: 2016-17
 Terms: Entire Year Terms: 01 - 06

Control Sets S1 - S2 - S1 - S2 - Y - YR

Low		High	
Course Key:		ZZZZZZZZZ	
Grade/Grad Yr:	09 2020	12	2017
Actual Number Of Sections:	3	999	
Manual Course Rank:	0	999	

Include Required Courses
 Include Elective Courses
 Include Courses Without Student Requests
 Include Classes Previously Scheduled

Display Period: 01 to 08

All Subjects [Subjects](#)

Interactive Value Assignment Options

Suggest Control Sets (Terms) Suggest Day Meets
 Suggest Periods Suggest Staff Members

Suggest Room Numbers

Available Buildings

Select	Building
<input type="checkbox"/>	001 - Building (001)

1 records displayed

Automatically Advance to the Next Class after Scheduling
 Automatically Analyze the Next Class
 Only Display Suggested Values without Errors
 Do Not Display Warnings when Selecting a Suggested Value

Master Builder Suggestion Rules - Point Breakdown: [Options](#)

OK
Save
Load
Reset
Close

Interactive Master Builder – Analysis Screen

Analysis Screen - Entity 001 - WS\OF\FS\BM\M\S\A - 9850 - 05.15.06.00.06 - Internet Explorer

Analysis Screen

Interactive Master Schedule Builder

Class Information

* Class: 1101/02 ENGLISH I

Class Meets

Dsp Period	Dsp Terms	Display Days Meet	Teacher	Building/Room	Sch Period	Sch Terms	Scheduling Days Meet
02	01 - 06	MTWRF	None	None	02	01 - 06	MTWRF

Course Rank: 999
Estimated Section(s): 1
Actual Section(s): 5
Request(s): 89

Class Meet Available Values

Control Set (Days)	Periods	Staff (Priority)	Rooms (Priority)
Y (<None>)	00	<None> (0)	<None> (0)
Y (MTWRF)	01		
	02		
	03		
	04		

Rank: 1 Actual Conflicts: 0
Est Conflicts: 5 Est Students: 0

Suggested Values - 4 Possible Combinations

Rank	Ctrl Set/ Days	Prd	Act Cont	Est Cont	Est Stu	Staff	Building/ Room
1	Y - MTWRF	03	0	5	0	<None>	<None>
1	Y - MTWRF	05	0	5	0	<None>	<None>
3	Y - MTWRF	07	0	7	0	<None>	<None>
4	Y - MTWRF	02	0	8	0	<None>	<None>

4 records displayed

Scheduling Board – Range Screen

Range Options - Entity 001 - WS\OF\FS\BM\SB - 9078 - 05.15.06.00.06 - Internet Explorer

Range Options

Interactive Scheduling Board Screen Options:

Use Paging when Displaying Scheduling Board Items

Class Range and Selection Options:

<u>Low</u>	<u>High</u>
* Course Key/Section: <input type="text"/> <input type="text"/>	<input type="text" value="ZZZZZ"/> <input type="text" value="ZZZ"/>
* Grade/Grad Yr: <input type="text" value="09"/> <input type="text" value="2020"/>	<input type="text" value="12"/> <input type="text" value="2017"/>
* Subject: <input type="text"/>	<input type="text" value="ZZZ"/>
* Type: <input type="text"/>	<input type="text" value="ZZZ"/>
* Department: <input type="text"/>	<input type="text" value="ZZZ"/>
* Actual # of Sections: <input type="text" value="0"/>	<input type="text" value="999"/>

Course Status:

Active
 Inactive
 Both

Elective/Required:

Elective
 Required
 Both

Scheduling Type:

Include All Scheduling Types

Normal
 Manually Scheduled
 Special Education
 Dropped Course

Class Status:

Active
 Inactive
 Both

Honor the 'Display This Class Meet On Student Schedules' option for each Class Meet

Staff Range and Selection Options:

<u>Low</u>	<u>High</u>
* Name Key: <input type="text"/>	<input type="text" value="ZZZZZZZZZZ"/>

Include Staff Not Flagged as Teachers
 Show Staff Unavailability

Analyzer Options:

Do Not Display Warnings when Selecting a Suggested Values

Scheduling Board – Viewing by Teacher Short Name

Interactive Scheduling Board ☆

Options View Tools Window Help

Sort Top Refresh
First Prev Next Last

Search:

	Prd. 00	Prd. 01	Prd. 02	Prd. 03	Prd. 04	Prd. 05	Prd. 06
AEighmyscr			9341	9341			9341
AHolmenscr				4134 *			
AKraegersc		CHEER *		1321	7201H		
ALinleyscr				9112			
AMaslowski							
CEffordscr		1203H	1203H		1201	1201	1203H *
CGargusscr							
CLongwaysc		1401	1401		1401	1401	1504 *
COsoriascr		WKEX1 *	M107	E107 *	M107	SS107	WKEX6 *
CSlilterscr		LC001 *	LC001	LC001	LC001	LC001	LC001
CUnderkofl		9031	9195				
ENewvilles				7311		7311	SS205 *
ETiedtscr		3114 *	3003 *	3161	3002		
EWamblescr			7311			7311	
GAwkwardsc							
GWalstroms		9405	9308	9308	9406	9406	
HAvellascr			M205		5MMA		M105
HLouxscr		1301	1412H		1403H	1303H	1311H *
JBalzanosc		6321		6321	6444	6321	6101
JEverdings							
JPineoscr		SC105	6211	6211	6211	6211	6211H
JRoncoscr		7101	7101		7101		SS305 *
JTiscareno		1151	1251	1251	1251		1251
KOPdykescr		SC305 *	6101	6101	6331	6331	6331PR
KVoglescr		1335 *		1335 *	1344 *	1300	1396 *
LFredricks		9146 *	9307		9003 *	9251	9306
LNothnagel							
LOffillscr		5920	5321	5920	5121	5121	5121DB *



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THANK YOU FOR ATTENDING!

