

Texas Skyward User Group Conference

Interactive Master Schedule Builder and Interactive Scheduling Board

Felice Franks – ESC Region 10



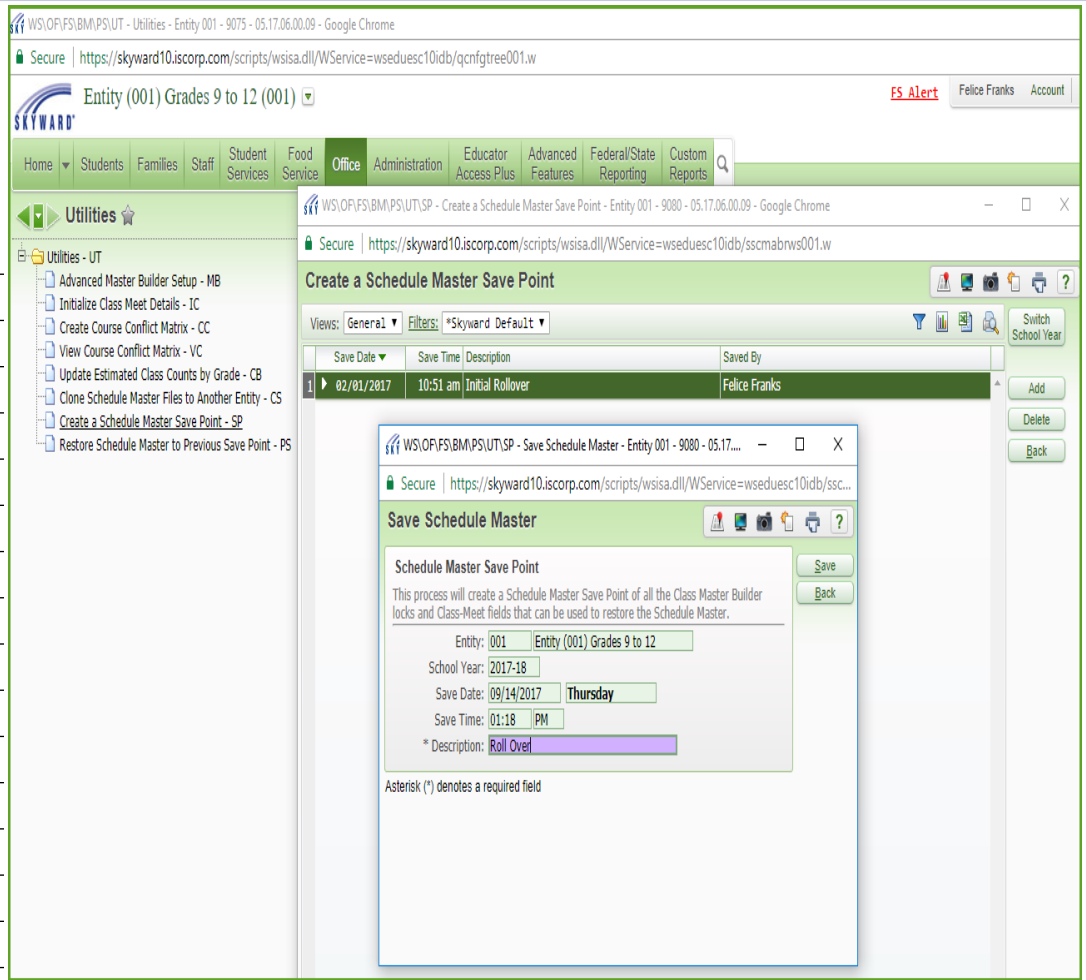
Future Scheduling – Using Interactive Master Builder and the Scheduling Board



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 1: Save a Copy of the Course Master



The screenshot shows a multi-step process in the Skyward system:

- Utility Menu:** A sidebar menu under "Utilities" lists several options, including "Create a Schedule Master Save Point - SP".
- Table View:** A table titled "Create a Schedule Master Save Point" shows a single entry:

Save Date	Save Time	Description	Saved By
02/01/2017	10:51 am	Initial Rollover	Felice Franks
- Form Dialog:** A "Save Schedule Master" dialog box is open, containing the following information:
 - Entity: 001 Entity (001) Grades 9 to 12
 - School Year: 2017-18
 - Save Date: 09/14/2017
 - Save Time: 01:18 PM
 - Description: Roll Over

Master Builder Prep Step 2: Initialize Class Meet Details

WS:\OF\FS\BM\PS\UT\IC - Initialize Class Meet Details - Entity 001 - 9077 - 05.17.06.00.0... — □ ×

Secure | https://skyward10.iscorp.com/scripts/wsisa.dll/WService=wseduesc10idb/sicmddedit00...

Initialize Class Meet Details

Initialize Class Meet Details Run
Back

This process will initialize the Class-Meet record details, depending on the selected options. The initial values are as follows:

Scheduling Period = 0
 Lunch Code = None
 Teacher = None
 Building = Section default, Entity Year default, or None
 Room = None

Entity: 001 Entity (001) Grades 9 to 12
 School Year: 2018-19

Courses and Class Ranges

Course Key: to: ZZZZZZZZ

Process Study Hall, Lunch, and Transfer Classes
 Only Initialize Classes Built by the Master Builder

Terms To Process: All=All Year Schedule Terms=01-06

Available Options

- Prompt Per Section
- Initialize Scheduling Period
- Initialize Lunch Code
- Initialize Teacher
- Initialize Building/Room Number

Master Builder Prep Step 3: Enter the "Gotta-Be" Course Periods

WS\OF\CS\BC\SM\SM - Edit Class Meet - Entity 001 - 10112 - 05.17.06.00.09 - Google Chrome

Secure | https://skyward10.iscorp.com/scripts/wsisa.dll/WService=wseuedsc10idb/sschdedit003.w?isPopup=true

Edit Class Meet

Course

Entity: 001 Entity (001) Grades 9 to 12

Class: ADVWED/01 ADVANCED WELDING DUAL CREDIT

Control Set: YR Class Status: Active

Start and Stop Terms

* Display Term Start: 01 * Stop: 06 * Scheduling Term Start: 01 * Stop: 06

Meet Pattern

* Display Period: 01 M T W R F S Display:

* Scheduling Period: 01 Scheduling:

* Attendance Period: 01 Attendance:

Lunch Code

None Group A Group B Group C Group D Group E Group F

Building: 001 Building (001)

Room: CT 8 Room(CT 8) Type: Usage: 0/35

Teacher: CHAVIMOL000 Chavianoscr Molly F Combined Room Usage: 0/35

Teacher Type Display This Class Meet On Student Schedules

Allow Access to EA+

Allow Access to Gradebook

Primary Alternate

Class Meet Type

Instructional Lunch Recess Study Hall Other

Texas State Specific:

Class Role: 01 TEACHER OF REC

Monthly Minutes Override: 00000

Exclude record from PEIMS

Master Builder Prep Step 4: Create the Course Conflict Matrix

WS\OF\FS\BM\PS\UT - Utilities - Entity 001 - 9075 - 05.17.06.00.09 - Google Chrome

Secure | https://skyward10.iscorp.com/scripts/wsis.dll/WService=wseduesc10idb/qcnfgtree001.w

Entity (001) Grades 9 to 12 (001)

Home Students Families Staff Student Services Food Service **Office** Administration Educator Access Plus Advanced Features Federal/State Reporting Custom Reports

Utilities

- Utilities - UT
 - Advanced Master Builder Setup - MB
 - Initialize Class Meet Details - IC
 - Create Course Conflict Matrix - CC**
 - View Course Conflict Matrix - VC
 - Update Estimated Class Counts by Grade - CB
 - Clone Schedule Master Files to Another Entity - CS
 - Create a Schedule Master Save Point - SP
 - Restore Schedule Master to Previous Save Point - PS

WS\OF\FS\BM\PS\UT\CC - Create Course Conflict Matrix - Entity 001 - 84... - X

Secure | https://skyward10.iscorp.com/scripts/wsis.dll/WService=wseduesc10idb/s...

Create Course Conflict Matrix

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.

Run

Back

Create Course Conflict Matrix

Entity: Entity (001) Grades 9 to 12

School Year: ▼

Interactive Master Builder – Range Screen for Singletons

WS\OP\F5\BM\MS\JA - Interactive Master Schedule Builder - Entity 001 - 9850 - 05.17.06.00.09 - Google Chrome

Secure | https://skyward10.iscorp.com/scripts/wsisa.dll/WService=wseduesc10idb/sschedited040.w?isPopup=true

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: 2017-18

Terms: Entire Year Terms: 01 - 06

Control Sets: S1 - S2 - Y

	Low	High
Course Key:		ZZZZZZZZZZ
Grade/Grad Yr:	09 2021	12 2018
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 09
 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
1	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

WS\OF\FS\BM\MS\IA - Interactive Master Schedule Builder - Entity 001 - 9850 - 05.17.06.00.09 - Google Chrome

Secure | https://skyward10.iscorp.com/scripts/wsisa.dll/WService=wsheduesc10idb/sschedit040.w?isPopup=true

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: 2017-18
 Terms: Entire Year Terms: 01 - 06
 Control Sets: S1 - S2 - Y

Low	High
Course Key: []	ZZZZZZZZZZ
Grade/Grad Yr: 09 2021	12 2018
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 09
 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
1	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 Conf	Est Conf	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

WS\F\F\SB - Range Options - Entity 001 - 9078 - 05.17.06.00.09 - Google Chrome

Secure | https://skyward10.iscorp.com/scripts/wsisa.dll/WService=wseduesc10ldb/sschdedit045.w?isPopup=true

Range Options

Interactive Scheduling Board Screen Options:

Use Paging when Displaying Scheduling Board Items

OK
 Reset
 Back

Class Range and Selection Options:

	<u>Low</u>	<u>High</u>
* Course Key/Section:	<input type="text"/>	ZZZZZZ ZZZ
* Grade/Grad Yr:	KG 2030	12 2018
* Subject:	<input type="text"/>	ZZZ
* Type:	<input type="text"/>	ZZZ
* Department:	<input type="text"/>	ZZZ
* Actual # of Sections:	0	999

Include All Scheduling Teams Teams

Course Status: <input checked="" type="radio"/> Active <input type="radio"/> Inactive <input type="radio"/> Both	Elective/Required: <input type="radio"/> Elective <input type="radio"/> Required <input checked="" type="radio"/> Both	Scheduling Type: <input checked="" type="checkbox"/> Include All Scheduling Types <input checked="" type="checkbox"/> Normal <input checked="" type="checkbox"/> Manually Scheduled <input checked="" type="checkbox"/> Special Education <input checked="" type="checkbox"/> Dropped Course	Class Status: <input checked="" type="radio"/> Active <input type="radio"/> Inactive <input type="radio"/> Both
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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"/>	ZZZZZZZZZZ

Include Staff Not Flagged as Teachers
 Show Staff Unavailability

Analyzer Options:

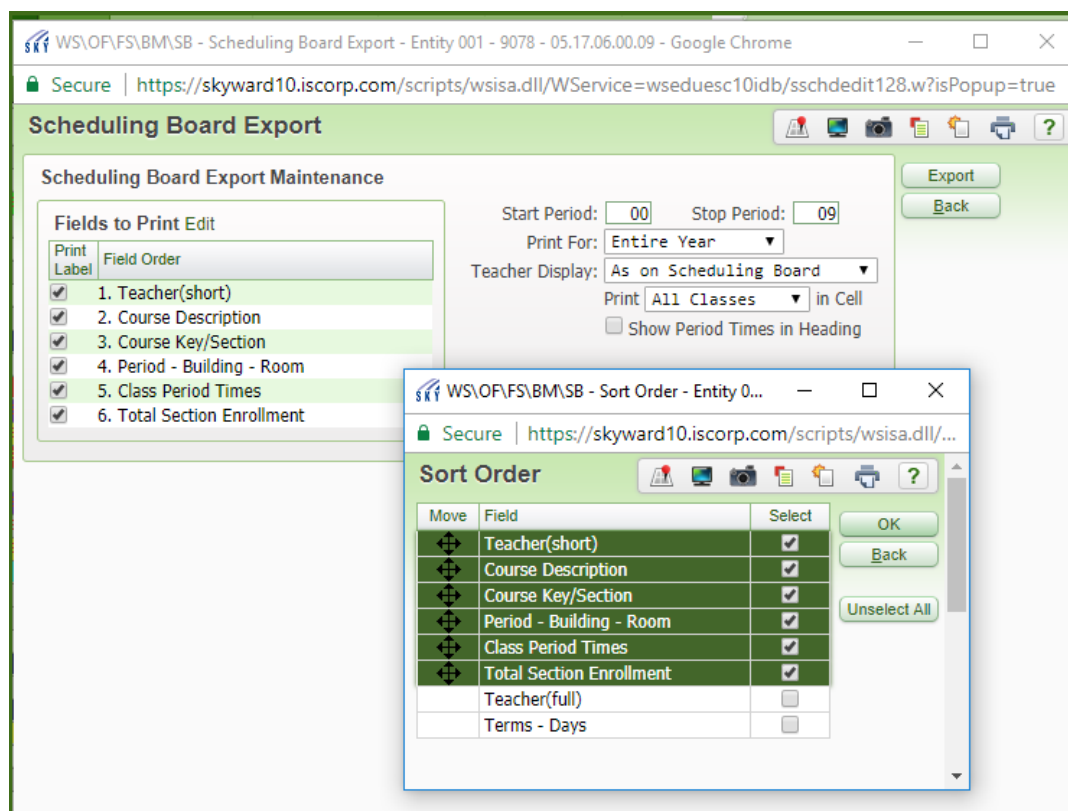
Do Not Display Warnings when Selecting a Suggested Values

Asterisk (*) denotes a required field

Scheduling Board – Viewing by Teacher Short Name

Interactive Scheduling Board ☆									
Options	View	Tools	Window	Help					
Sort	Top	Refresh	Prd. 00	Prd. 01	Prd. 02	Prd. 03	Prd. 04	Prd. 05	Prd. 05A
AFeldhauss				WTLIF	WTLIFM	CONFER	WTLIFM		
AOsundscr									
APerskyscr	TIPSE4		ENG4 (6)	ENG4 (6)	ENG4 (6)	ENG4 (6)	ENG4 (6)	ENG4 (6)	
AWakleyscr	TIPSFL				CONFER	CONFER	SPAN1 (6)	SPAN1P	
BRosencran									
BShanholtz				CONFER	ALGIIP		ALG II (5)		
BWainioscr	ENG4DC (5) *								
BWoernersc	TIPSE4 *		EOCPRE	ENG1P	ENG1P (5)	ENG1P	ENG1P	ENG1P	
CAlmasicr			THART2	THART2	THART1	THART1	THART1	CONFER	
CJahosky						ART1 (5)	ART1 (5)	VIDGD (5)	
CRoskescr			BIO1P	BIO1P	BIO1 (5)	BIO1 (5)	BIO1 (5)	TIPSB	
CTenholder			ENG1 (6)	CONFER	ENG1 (6)	ENG1 (6)	CRWRIT (5)		
DDraffensc	TIPSE2		ENG3 (5)		ENG2 (5)	ENG3 (5)	CONFER		
DImanscr			ANATP (5)	CONFER	BIO1P (5)	ANATPD	TIPSB		
DMuckscr	WBL2 *		CONFER	PRMKT	MKTDYN	SPRT&E *	CONFER		
DTeetzscr			USHIST (6)	TIPSUH		USHIST (6)			
DTotherows	TIPSFL		SPAN2 (5)	CONFER	SPAN2 (5)	SPAN2 (5) *			
EBorrellsc			WGEO (5)	CONFER	TIPSWG	WGEO (5)			
EGutterez	WELD *		AGIMCH	AGIMCH	ADVWEL				
ELembricks			TIPSWH *	USGOV (6) *	CONFER	USGOV			
ETaekersc	ALG1v		CONFER	ALG 1 (5)	INTALG	TIPSA1	ALG 1 (5)		
FFranks					ALG 1 (5)				
FProchnows			WGEOP	WGEOP *	TIPSWG	WGEOP	WGEOP		
FWasiceksc	TIPSE4		PHISLO *	PHISLO *	ENG3AP (5)	CONFER	ENG3AP (5)		
GBesharasc	PROAV *		AUDVID	DIMEDI	ADVAUD	ADVAUD	CONFER		
GLieurance			BIM1	MONEYM *	HELP	TIPSC2	SECINV *		
GTenoscr									
GZeollascr	STDSKL *		STDSKL	STDSKL	STDSKL	STDSKL	STDSKL		
Sort	Top	Refresh	Prd. 00	Prd. 01	Prd. 02	Prd. 03	Prd. 04	Prd. 05	Prd. 05A
HALL T								ALG 1 (5)	
HGreenland			MATHAF (5)	ADQURE (5)		ADQURE (5)	CONFER		
HKindricks	HELP				GPE1		CONFER		
HLetbetter	JHATH *			SOCIO *	PSYCHA *				

Scheduling Board – Tools/Export to Excel



WS\OF\FS\BM\SB - Scheduling Board Export - Entity 001 - 9078 - 05.17.06.00.09 - Google Chrome

Secure | https://skyward10.iscorp.com/scripts/wsisa.dll/WService=wshedesc10idb/sschedit128.w?isPopup=true

Scheduling Board Export

Scheduling Board Export Maintenance

Start Period: 00 Stop Period: 09

Print For: Entire Year

Teacher Display: As on Scheduling Board

Print All Classes in Cell

Show Period Times in Heading

Export

Back

Fields to Print Edit

Print Label	Field Order
<input checked="" type="checkbox"/>	1. Teacher(short)
<input checked="" type="checkbox"/>	2. Course Description
<input checked="" type="checkbox"/>	3. Course Key/Section
<input checked="" type="checkbox"/>	4. Period - Building - Room
<input checked="" type="checkbox"/>	5. Class Period Times
<input checked="" type="checkbox"/>	6. Total Section Enrollment

WS\OF\FS\BM\SB - Sort Order - Entity 0...

Secure | https://skyward10.iscorp.com/scripts/wsisa.dll/...

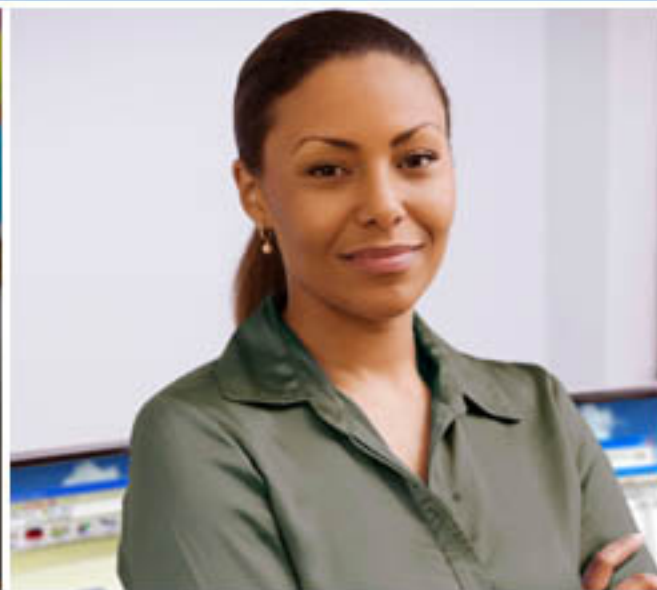
Sort Order

Move	Field	Select
	Teacher(short)	<input checked="" type="checkbox"/>
	Course Description	<input checked="" type="checkbox"/>
	Course Key/Section	<input checked="" type="checkbox"/>
	Period - Building - Room	<input checked="" type="checkbox"/>
	Class Period Times	<input checked="" type="checkbox"/>
	Total Section Enrollment	<input checked="" type="checkbox"/>
	Teacher(full)	<input type="checkbox"/>
	Terms - Days	<input type="checkbox"/>

OK

Back

Unselect All



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THANK YOU FOR ATTENDING!

