

SCM Workflow Plugin

Total Visibility and Control over School Course Marks

Intention

The goal of the SCM Plugin project is to simply obtain control and visibility over the grades stored and reported to PASI.

- The existing tools allow you to “do things” - create enrollments, store grades, approve marks, etc, through a combination of 1x1 screens and “all at once” tools.
- The existing tools, however, are much less powerful when it comes to identifying “what has been done” or allowing you to perform actions in small groups.
- The goal is to make School Course Mark submission into a smooth workflow with contextual, relevant reporting and tactical edit functionality.

The Tool

 Overview	Review PASI Core	Review Sections	Set Defaults	Review Dropped	Preparing Stored Grades	Review PASI Core	Approve Course Marks	S1	S2
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SCM Workflow Overview

Welcome

Welcome to the School Course Mark Workflow

This workflow is designed to guide users through analyzing the sections and enrollments in their school and provide them with the tools and guidance they require to validate the data they have stored in the system, to assist them with storing their grades, and help manage the data that is being propagated to PASI.

Phase 1: Section Verification

It is important to have a solid grasp of the sections that are in place in your school.

Funding Schedule Snapshot

Course Type	Funding Schedule	Number of Sections
Non Diploma Course	REG	281

Language Code Snapshot

Course Type	Language Code	Number of Sections
Non Diploma Course	FR	6
Non Diploma Course	EN	275

Course (CourseNum.Section) (Credit Value)	Term	Teacher	Expression	Funding Sched.	Language	Delivery Method	Course Type	Core Alerts
Religious Education 15 (3) Online (LDC1724G3.1) (cr: 3)	2016-2017	1, ajhtestteacher	5(A)	REG	EN	REG	Reg Crs	
Wildlife Mgmt Research Study (1) CTSM (WLD3040D1.1) (cr: 1)	Sem 2	1, ajhtestteacher	5(A)	REG	EN	REG	Reg Crs	
Religious Education 35 (3) Online (LDC3724G3.1) (cr: 3)	2016-2017	1, ajhtestteacher	5(A)	REG	EN	REG	Reg Crs	
Mathematics 10-3 (5) Reg (MAT1793A5.2) (cr: 5)	Sem 2	1, ajhtestteacher	1(A-B)	REG	EN	REG	Reg Crs	1
ESL 10 Level 5 (0) Reg (ESL1125A0.1) (cr: 0)	Sem 2	1, ajhtestteacher	5(A)	REG	EN	REG	Reg Crs	

Reviewing Inactive Student Enrollments

Inactive Student Enrollments - enrollments relating to inactive student enrollments are grouped together into a single screen that allows you to easily identify and adjust enrollments that could qualify for funding

Student Name (Grade)	Course Info	Teacher		*Padded (Beta)*			Section			ABE Fields			History
	(Cr. #.Sec #)	Name	Gr. / %	Mark	Wht Comp	Info	Periods Attended	Course Length	% Attending	FF	Comp. Method	Comp. Status	
	Biology 30 (5) Reg (SCN3230A5.6)	Hurtubise, Tracey	70 / 70	18.4	58.2	Info	41	91	31.87	No ▾	▾	WDR - Withdrawal ▾	History
	English Lang Arts 30-2 (5) Reg (ELA3104A5.2)	Joly, Mike	48 / 48	20.8	50.5	Info	3	91	3.3	No ▾	▾	WDR - Withdrawal ▾	History
	Social Studies 30-2 (5) Reg (SST3772A5.3)	Lemay, Kate	53 / 53	42.8	81	Info	3	91	3.3	No ▾	▾	WDR - Withdrawal ▾	History
1)	Physics 30 (5) Reg (SCN3797A5.2)	Roman, Rudy	64 / 64	8.7	51.4	Info	26	91	28.57	No ▾	▾	WDR - Withdrawal ▾	History
3	Physics 30 (5) Reg (SCN3797A5.2)	Roman, Rudy	96 / 96	31.9	78.5	Info	48	91	41.76	No ▾	▾	WDR - Withdrawal ▾	History

Reviewing Inactive Student Enrollments

Course Enrollment and Attendance

9990

Entry Date	Exit Date	Recorded Absences		
02/01/2017	04/13/2017	12		
% of total classes attended: 31.9%				
Assignment Name	Score	Max Score	Category	
Reproduction Open Book Assignment		10	Unit B: Reproduction & De-a1ed	
Reproduction Quiz #1		2	Unit B: Reproduction & De-a1ed	
Reproduction Quiz #2		2	Unit B: Reproduction & De-a1ed	
Cell Division Open Book Assignment	9.2	10	Unit C: Cell Division, Ge-001e	
Cell Division Test	11	21	Unit C: Cell Division, Ge-001e	
DNA Open Book Assignment	8.6	10	Unit C: Cell Division, Ge-001e	
DNA Quiz	4.2	5	Unit C: Cell Division, Ge-001e	
DNA Test	13	21	Unit C: Cell Division, Ge-001e	
Gametogenesis Projects		2.5	Unit C: Cell Division, Ge-001e	
Genetics Open Book Assignment		10	Unit C: Cell Division, Ge-001e	
Genetics Quiz		5	Unit C: Cell Division, Ge-001e	
Genetics Test		21	Unit C: Cell Division, Ge-001e	
Lab Exercise 20.A	2.25	2.5	Unit C: Cell Division, Ge-001e	
Mitosis Quiz	3.4	4	Unit C: Cell Division, Ge-001e	
Modified Final Grade: 18.4 %		% of total available marks assessed: 62.3		

Science 10 (5) Reg Start Date 09/02/2014
(SCN1270A5) Exit Date 02/02/2015

Biology 20 (5) Reg Start Date 08/30/2016
(SCN2231A5) Exit Date 02/01/2017

Science 24 (5) Reg Start Date 02/02/2015
(SCN2288A5) Exit Date 03/13/2015

Science 24 (5) Reg Start Date 02/02/2015
(SCN2288A5) Exit Date 06/27/2015

Biology 30 (5) Reg Start Date 02/01/2017
(SCN3230A5) Exit Date 04/13/2017

Science 7 Start Date 08/31/2011
(SCN7140) Exit Date 06/29/2012

Science 8 Start Date 09/04/2012
(SCN8140) Exit Date 06/28/2013

Science 9 Start Date 01/30/2014
(SCN9140) Exit Date 06/27/2014

Phase 2: Store Grades

The Store Grades Dashboard allows you to identify the current status of stored grades in your district as well as generate import files based on specific criteria, letting you not only store the data you want and ONLY the data you want, but giving you constant visibility as to what you have stored.

Alberta Education Codes required for all courses				Zero or null percentage grades will not be stored							
Teacher	Course	Core Alerts		Student Count		To Be Stored (Active and Inactive Crs Enrollments)				Stored	
		Section	Crs Enroll	Active	In-Active	Active	In-Active	Not Processed (Active)	Grade Warnings (Active)	Active	In-Active
	C.A.L.M. & Yoga (11449.1)	⚠	⚠	24	3			24	1		
	French 30 (3093.1)		⚠	12				12			
	Yoga 15 (3 Cr) (19940.11)			24	1			24	1		
	C.A.L.M. (2419.4)	⚠	⚠	35	2			35	1		
	C.A.L.M. (2419.5)	⚠	⚠	33	6			32	3		
	CTR1010 - JOB PREPARATION (50694.55)			33				33	33		

Phase 2: Store Grades

Download an import file in 3 contexts:

- Entire report
- Single Teacher
- Single Section

[Download Import File](#)

Import files are pre-formatted to import into store grades table.

***Will Not generate a row if a grade has already been stored**

Phase 2: Store Grades

Coding fields can be edited directly on this screen. Warnings are generated to list potential issues when storing grades and Core Alerts are visible to alert to already existing section or enrollment issues

Alberta Education Codes <u>required for all courses</u>				Zero or null percentage grades <u>will be stored</u>									
Concurrent	Status	Student Name (Grade)	Teacher	Stored	ABE Fields			Section			Warning(s)		
			Gr. / %	Gr. / %	FF	Comp. Method	Comp. Status	Abs	Lates	Enter Date	Exit Date		
	Schl: 999999		98 / 98	98 / 98	Yes	REG - Regular	COM - Complete	0	0	18-Sep-2015	02/01/2016		
	Schl: 999999		96 / 96	96 / 96	Yes	REG - Regular	COM - Complete	2	0	18-Sep-2015	02/01/2016		
	Schl: 999999		87 / 87	87 / 87	Yes	REG - Regular	COM - Complete	1	0	18-Sep-2015	02/01/2016		
	Schl: 999999		98 / 98	98 / 98	Yes	REG - Regular	COM - Complete	2	0	18-Sep-2015	02/01/2016		
	Schl: 999999		85 / 85	85 / 85	Yes	REG - Regular	COM - Complete	1	0	18-Sep-2015	02/01/2016		
	Schl: 999999		92 / 92	92 / 92	Yes	REG - Regular	COM - Complete	0	0	18-Sep-2015	02/01/2016		
	Schl: 999999	Dropped	-- / 0	- / -	No	REG - Regular	WDR - Withdrawal	0	0	18-Sep-2015	09/28/2015	Inactive Enrollment - Will Not Store Warning - Zero Percentage	
	Schl: 999999	Dropped	-- / 0	- / -	No	REG - Regular	WDR - Withdrawal	0	0	18-Sep-2015	10/06/2015	Inactive Enrollment - Will Not Store Warning - Zero Percentage	

Grade is already stored
Grade or course enrollment requires processing before it can be stored
Grade is ready to store based on the current parameters chosen
Grade is associated with an inactive enrollment and will not be stored

Phase 3: Review PASI Status

The system is able to pull and correlate data between PowerSchool and PASI, allowing you to not simply find out what you have in PowerSchool but also how well (or not well) it is propagating to PASI.

Diploma Courses

Scheduling Term	Multiple Enrollments*	Course Enrollment Status	PowerSchool Enrollment Status	Funding Flag	Stored Grades Exist	Approval Status	Number	Grade Level
2016-2017	Single		Active		N	Not Approved	13	High School
2016-2017	Single	WDR	Dropped	N	N	---	6	High School
2016-2017	Single		Dropped		N	Not Approved	1	High School
Semester 2	Single		Active	Y	N	Not Approved	685	High School
Semester 2	Single		Active	Y	N	Not Synced	26	High School
Semester 2	Single		Active		N	Not Synced	2	High School

Phase 3: Review PASI Status

Drilling down gives you access to review and even mass-edit key fields in an effort to fix problems:

Scheduling Term	Multiple Enrollments	Grade Level	Course.Section	Course Enrollment Status	PowerSchool Enrollment Status	Funding Flag	Stored Grades Exist	Approval Status	Date Left	Core Alerts (sec) (stud) (course)
Semester 2	Single	High School	Biology 30 (5) Reg(SCN3230A5.3)	<input type="text"/>	Active	Yes <input type="text"/>	N	Not Synced	06/30/2017 <input type="text"/>	(0)(1)(0)
Semester 2	Single	High School	Biology 30 (5) Reg(SCN3230A5.3)	<input type="text"/>	Active	Yes <input type="text"/>	N	Not Synced	06/30/2017 <input type="text"/>	(0)(1)(0)
Semester 2	Single	High School	Biology 30 (5) Reg(SCN3230A5.3)	<input type="text"/>	Active	Yes <input type="text"/>	N	Not Synced	06/30/2017 <input type="text"/>	(0)(0)(0)
Semester 2	Single	High School	Biology 30 (5) Reg(SCN3230A5.3)	<input type="text"/>	Active	Yes <input type="text"/>	N	Not Synced	06/30/2017 <input type="text"/>	(0)(1)(0)

Many smaller features

A number of smaller features are peppered throughout the plugin

- Links to key internal reports are provided as well
- Advanced options allowing schools to make advanced decisions about how to organize the data in special environments (e.g. outreach programs, etc.)
- Room for further improvement and even more contextual data as suggestions are made.