



Formulas

All percentage calculations in the SG columns are rounded according to specifications set in SIS System Settings → Grading System → Tchr Grade-Book tab. There are two options.

Round .5 and above up; 78.5% becomes 79%, or

Always force Round down; 78.5% becomes 78%

The letter grade is then determined based on the rounded integer percent or the pre-rounded decimal percent.

For 'SGT' and 'SGS' columns, the assumed range of assignments to be used in calculations is from the current 'SGT' or 'SGS' column to the left to the previous 'SGT' or 'SGS' column.

End of Term Grading Columns

SGP – Progress
SGT – Term
SGX – Exam Grade
SGS – Semester

SISWIN: Grade Book Formulas

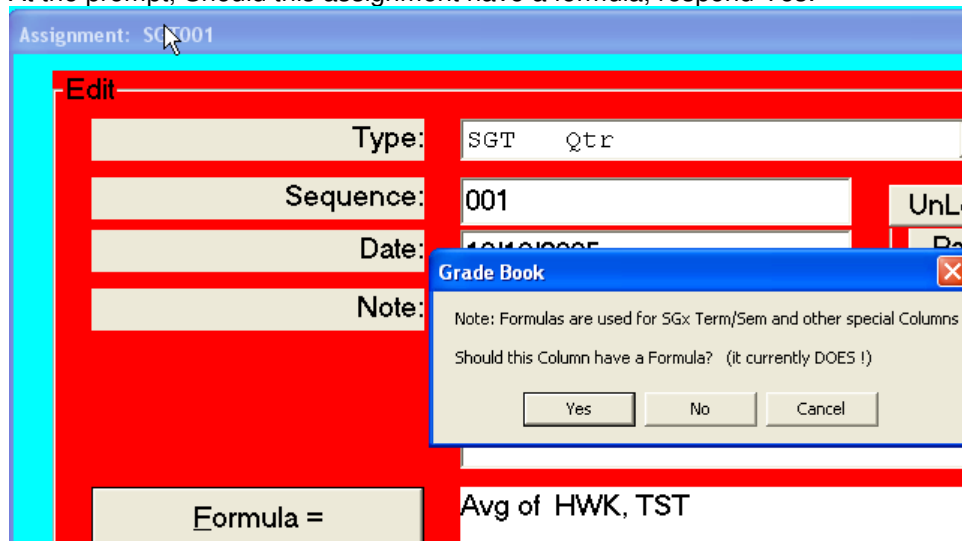
Overview

Term, Progress, and Semester columns (SGT, SGP, and SGS) are normally calculated as a function of several Types of Assignments. Formulas to perform those calculations are created and changed as part of the Assignment Properties. Assignments with formulas will display the word 'Formula' instead of a point value in the Assignment Column heading.

Create a Formula Based on Total Points

When creating a formula, the default setting is by Total Points. The total points earned in each of the Assignment Types or those specifically selected assignment columns are added together and then divided by the total of the base points for those same assignments.

1. Highlight the SG column you wish to add a formula to.
2. Select Assignments → Properties of Cur-Assignment → Formula.
3. At the prompt, Should this assignment have a formula, respond Yes.



Copy a Formula from one Assignment to another.

Highlight the SG column and select Assignments → Properties of Cur-Assignment → Copy. The formula to be copied is displayed in the gray area to the right. Next highlight the assignment to which the formula will be copied and follow above steps. This time select Paste.

Percentage Formulas

The total of all chosen assignments must equal 100%. If not, the user will be prompted to again enter percentages.

Starting Date

A starting date in a formula might be useful to exclude assignments made prior to a certain date.

4. Select Setup Formula

Formula for Column: SGT001

Will be calculated by Averaging:

Assignments	If %
HWK HmWrk	0
TST Test	0

Based: Total Points
 Percent
 Letter-Grades

Starting Date: //

Only use date if not based on standard Term/Sem terms.

Optional Extra Credit:

Assignments:

Setup Formula Setup Extra Credit

- On the next screen, select the assignments that make up your formula. Checking on an Assignment Type will include all such assignments in the formula. Checking on Specific Items will include individual assignments. It is possible to include any combination of Assignment Type and Specific Items to obtain your formula results.
- Respond to Drop the Lowest Score. The default is 0 = none.
- Select **Done** to complete the process.

Formula Based On:

Calc?	Assignment
ASSIGNMENTS TYPES:	
<input type="checkbox"/>	CLS ClsWrk
<input checked="" type="checkbox"/>	HWK HmWrk
<input type="checkbox"/>	PRJ Proj
<input checked="" type="checkbox"/>	TST Test
<input type="checkbox"/>	LAB Labs
<input type="checkbox"/>	QUIZ Quiz
<input type="checkbox"/>	XTR Xtra
<input type="checkbox"/>	SGP Prog
<input type="checkbox"/>	SCT Qtr
<input type="checkbox"/>	SCX Exam
<input type="checkbox"/>	SGS Sem
SPECIFIC ITEMS:	
<input type="checkbox"/>	HWK001
<input type="checkbox"/>	TST001
<input type="checkbox"/>	HWK002
<input type="checkbox"/>	HWK003
<input type="checkbox"/>	TST002
<input type="checkbox"/>	HWK004
<input type="checkbox"/>	SCX001

Create Formula Based on Percentages

When using the Percent Method, the points earned in each of the selected Assignment Types, either as a whole, or for specific assignments, are included as a specified percentage of the Term or Semester column.

- Follow Steps 1-5 above, but changing the **Based On to Percent**
- For each assignment you have included in your formula, you will be prompted to enter the percent .
- Respond to Drop the Lowest Score. The default is 0 = none.
- Select Done to complete the process.

HWK

Enter Percent (like 20.0, 30.5, 45):

0.000

OK Cancel

Optional Extra Credit

While the easiest method to assign extra credit is directly to the assignment, extra credit can be set up as an assignment type and added to the student's final score. Extra credit

in the formula on a percent based formula figures first the grade from the regular white box of percents, then adds the number of points in the extra credit box to the percent. So using the Optional Extra Credit setup, adds the extra credit to the student's final percent. If the student has 92.833 and they received 10 points of extra credit, the student's final score would be 102.833. If using Total Points, the student's total points earned are divided by possible points.

1. In the green box for Optional Extra Credit, select Setup Extra Credit.
2. Select the assignment type used for extra credit.