



# Computation



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# Computation

**Grade Reporting > Maintenance > Tables > Campus Control Options > Computation**

This tab allows you to enter grade average computation settings for the campus.

## Update data:

<b>Grading Concept</b>	<p>Indicate how students are awarded credit for a course-section. <b>The selection should be based on your district grading policy.</b></p> <p><i>Final</i> - Award credits based on the final grade.  <i>Sem/Final</i> - Award credits based on a combination of semester and final grades. If used, the <b>Credit Seq</b> field on <a href="#">Maintenance &gt; District Schedule</a> is also considered when you run the <a href="#">Grade Computation and Credit Assignment utility</a> and the <a href="#">Assign Pass Fail Indicators utility</a>.  <i>Semester</i> - Award credits based on the semester grade. The field is also used by the <a href="#">Assign Pass Fail Indicators utility</a>.</p>
<b>How will Avg be Computed</b>	<p><i>Computer</i> - Semester averages are automatically calculated. This option must be selected if you are using the <a href="#">Grade Computation and Credit Assignment</a> or <a href="#">Grade Computation Elementary</a> utility.</p> <p><i>School</i> - Semester averages are manually calculated.</p>
<b>Include Exam in Semester Average</b>	<p>Select to include the semester exam grade when computing the semester average. The field is used by the <a href="#">Grade Computation and Credit Assignment utility</a>.</p> <p><b>NOTE:</b> Most elementary campuses do not use exam grades. However, for elementary campuses that want to include the exam grade in the semester average and display the <b>Exam</b> column in TeacherPortal, the <b>Include Exam in Semester Average</b> field must be selected.</p>

If **Include Exam in Semester Average** is selected, indicate how much weight the exam has in the semester average:

<b>Exam Weight Equal</b>	<p>Select if the semester exam should be weighted equally with the cycle grades when semester averages are computed. If selected, the exam grade is given the same weight as the cycle averages when calculating the semester average.</p> <p>For example, if there are three cycles in the semester, the student's cycle averages are 80, 85, and 90, and the student earned 100 on the semester exam, the semester average calculation is as follows:  <math>(80 + 85 + 90 + 100) / 4</math></p> <p>If <b>Exam Weight Equal</b> is not selected, the <b>Total Weight</b> and <b>Exam Weight</b> fields are used together to indicate the percentage the semester exam should count toward the total semester grade.</p>
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<b>Exam Weight Total Weight</b>	<p>These fields are used only if all of the following are true:</p> <ul style="list-style-type: none"> <li>• <b>Exam Weight Equal</b> is not selected.</li> <li>• <b>How will Avg be Computed</b> is set to <i>Computer</i>.</li> <li>• <b>Include Exam in Semester Average</b> is selected.</li> </ul> <p>The semester average calculation for a three-cycle semester is as follows:</p> $((\text{Cycle 1} + \text{Cycle 2} + \text{Cycle 3}) / 3 \times (\text{Total Weight} - \text{Exam Weight})) + (\text{Exam Grade} \times \text{Exam Weight}) / \text{Total Weight}$ <p>For example, if there are three cycles in the semester, the student's cycle averages are 80, 80, and 80; the student earned 90 on the semester exam; the <b>Total Weight</b> is 050; and the <b>Exam Weight</b> is 07, the semester average calculation is as follows:</p> $(80 + 80 + 80) / 3 \times (50 - 7) + (90 \times 7) / 50 = 81.4$ <p>Commonly used semester exam percentage examples:</p> <table border="1"> <thead> <tr> <th>Semester Exam Percentage of Semester Grade</th> <th>Total Weight</th> <th>Exam Weight</th> </tr> </thead> <tbody> <tr> <td>10%</td> <td>050</td> <td>05</td> </tr> <tr> <td>14%</td> <td>050</td> <td>07</td> </tr> <tr> <td>15%</td> <td>020</td> <td>03</td> </tr> <tr> <td>20%</td> <td>005</td> <td>01</td> </tr> <tr> <td>25%</td> <td>004</td> <td>01</td> </tr> <tr> <td>no semester exam</td> <td>000</td> <td>00</td> </tr> </tbody> </table>	Semester Exam Percentage of Semester Grade	Total Weight	Exam Weight	10%	050	05	14%	050	07	15%	020	03	20%	005	01	25%	004	01	no semester exam	000	00
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<b>Allow Recomputation</b>	<p>If selected, all grades and credits are recalculated according to the settings of the <b>Compute Sem Avg</b>, <b>Compute Final Grades</b>, and <b>Award Credits</b> fields when running the <a href="#">Grade Computation and Credit Assignment</a> or <a href="#">Grade Computation - Elementary</a> utility.</p> <p>If not selected, only students with blank semester grades, blank final grades, or blank or zero credits are updated, depending on the options selected when running the grade computation utilities.</p>																				
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<b>Don't Allow Credit If Failed Last Sem</b>	<p>Select if students who failed the last semester of a course will not receive credit.</p> <p>If selected, and a student fails the last semester of a course, the student will not receive credit for the course. This field overrides courses set up to allow partial credit.</p> <p>For the <a href="#">Grade Computation and Credit Assignment utility</a>, the field is considered only if the <b>Grading Concept</b> field is set to <i>Semester</i>. It is not used with the <i>Final</i> or <i>Sem/Final</i> grading concepts.</p>

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