

Overall Grade Calculator by [Carsten Lange](#)

The Overall Grade Calculator allows students to enter their own grades in different categories and the tool calculates the overall grade. For grades that are not available at the time a student enters grades are not considered in the overall grade calculation and weights are adjusted accordingly. The tool can be used for letter as well as for percentage grades.

To configure the system instructors add an individualized link to their course webpage to transfer course name, instructor name as well as grading weights of their course to the webpage. Students can then independently calculate their overall grade and also perform a What If scenario for grades that are not available at this point. Privacy: The website is generated dynamically on the fly and does not store any grading or other data. When the student's session is over all entered data are removed.

Two examples for links that the instructor can add in the course webpage are listed below. After the link has been added to the course web page, the student just needs to click on the link rather than typing the complete address.

1) <http://ec-clange-web.cpp.edu/overallgradecalculator/default.aspx?course=EC201&instructor=Lange&cat1=Midterm&w1=30&cat2=Paper&w2=20&cat3=Final&w3=50>

2) <https://ec-clange-web.cpp.edu/overallgradecalculator/default.aspx?course=EC201&instructor=Lange&cat1=Midterm&w1=30&cat2=Paper&w2=20&cat3=Final&w3=50&type=percent>

The two links above show an example for a course named "EC201" taught by an instructor named "Lange". The web address is followed by a "?" and a list of parameters with values assigned to the parameters. Parameter/value pairs are separated by "&". The first link generates a webpage for letter grades. The second one generates a webpage for percentage grades (see "type=percent" as the last parameter).

"cat1=Midterm", "cat2=Paper", "cat3=Final" are the parameter/value pairs for the grading categories "Midterm", "Paper", "Final". While "w1=30", "w2=20", "w3=50" are the respective weights. Weights and values for the grading categories can be adjusted. Parameter names have to be cat1, cat2, ... cat7 and w1, w2, ...w7. Up to 7 categories with weights can be used.

The easiest way to individualize a link is to copy one of the links above into a browser and then change it step by step as needed. At the end the adjusted link can be copied in the course webpage.

BLANKs are not allowed in the link. In order to use a BLANK the code "%20" has to be added. To write "EC 201" instead of "EC201" the course parameter needs to be coded as "course=EC%20201" instead of "course=EC201". To have the instructors first and last name separated by a BLANK something like "instructor=Carsten%20Lange".