

## Overview

Aligned with our grading policy, we are ensuring that the calculation of final grades is consistent for each student across the district. This document details how final grades will be calculated in Aspen, and combines reminders from the DCPS Grading Policy, new information that accurately describes the process to calculate final grades and calculation examples.

### Grading Policy Reminders

- **Final Exams** are optional but if that mark is entered, it consists of 10% of the final grade
- **Mid-term Exams** are optional but if that mark is entered, it consists of 10% of the final grade (note: mid-term marks can only be entered for full year courses, not semester courses)
- All **term marks** are evenly divided among the remainder

The calculation of the final grade depends on the type of course (full year versus semester) and if a mid-term and/or final exam is given. The chart below provides the calculation for each scenario.

Q1=first advisory grade  
final=final exam grade

Q2=second advisory grade  
mid-term=mid-term exam grade

Q3=third advisory grade

Q4= fourth advisory grade

Scenario	Exam weighting	Term weighting	Calculation of final grade
Full Year course, both exams	Final: 0.10 Mid-term: 0.10	0.20	$0.2*Q1+0.2*Q2+0.2*Q3+0.2*Q4+0.1*final+0.1*mid-term$
Full Year course, Final exam only	Final: 0.10 Mid-term: 0	0.225	$0.225*Q1+0.225*Q2+0.225*Q3+0.225*Q4+0.1*final$
Full Year course, no exams	Final: 0 Mid-term: 0	0.25	$0.25*Q1+0.25*Q2+0.25*Q3+0.25*Q4$
Semester course, final exam	Final: 0.10	0.45	$0.45*Q1+0.45*Q2+0.1*final$
Semester course, no exam	Final: 0	0.5	$0.5*Q1+0.5*Q2$

### Final mark calculation process

Teachers enter letter marks. In order to average those marks and obtain a final grade, we must convert each letter to a numeric value, calculate the average based on those numeric values and then convert that average back to the equivalent letter mark.

For consistency, we convert all letter grades (except F) to the middle of that range as shown in the table below:

Teacher entered letter mark	Letter mark converted to number
A	96.5
A-	91.5
B+	88.5
B	85
B-	81.5
C+	78.5
C	75
C-	71.5
D+	68.5
D	65.5
F	<b>59.0</b>

Please note that an F is converted to a 59 and not a 30. This is the case because the range for an F is so much larger (from 0 to < 64) than most of the other grades, which have ranges of only three or four points. The value chosen makes the F range much more aligned to the ranges of the other marks, and represents a compromise between not penalizing a student too harshly and not boosting them too strongly for individual term or assessment grades.

Additionally, an A range is slightly greater (7 points) than the other ranges and as such has a bit more weight when averaged with other grades. Please see the examples on the next page.

**Examples:**

	Q1	Q2	Midterm	Q3	Q4	Final	Final Mark
Full Year course	A	A	A	B	B	B	A-
Full Year course - no mid-term	A	A		B	B	B	A-
Full Year course - no mid-term	A	B		B	B	B	B+
Full Year course - no exams	A	A		B	B		A-
Semester course	A	B				A	A-
Semester course – no final exam	A	B					A-
Full Year course	B	B	B	D	D	D	C
Full Year course - no mid-term	B	B		C	D	D	C+
Full Year course - no mid-term	B	B		C	C	B	B-
Full Year course - no exams	B	B		D	D		C
Semester course	B	B				D	B
Semester course – no final exam	B	C					B-
Full Year course	F	F	F	D	D	D	F
Full Year course	F	F	F	D	D	B	D
Full Year course - no mid-term	F	F		D	D	D	F
Full Year course - no mid-term	F	F		D	D	B	D
Full Year Course - no mid-term	F	F		D	D		F
Full Year Course - no mid-term	F	F		D	C		D
Semester course	F	D				D	F
Semester course	F	D				B	D
Semester course – no final exam	F	D					F
Semester course – no final exam	F	C					D+