

# calcGRADE 2008 68k Edition

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Revision 2 - November 15, 2008

TI-89 Titanium/Voyage 200

by Kevin Zhang ([whitehat2009@yahoo.com](mailto:whitehat2009@yahoo.com))

User's Manual

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**IMPORTANT NOTE:** Please read the changelog (changelog.txt) for important information regarding bugfixes and other enhancements in this release.

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Welcome to calcGRADE 2008, the ultimate gradebook for your TI-89 Titanium or Voyage 200 calculator!



The following is a comprehensive list of features included in calcGRADE 2008 68K Edition:

- Graphical class and grade manager with menus + dropdown selections
- String-based naming of classes + assignments
- Storage system limited only by calculator memory
- weighted grade support
- nonvolatile editing/saving of grades (crashes won't erase data)
- on-the-fly graphing
- extra credit support
- auto-archiving and cleanup of used variables
- **Complete User's Manual (this!)**

## INSTALLATION

### Requirements

TI 89 Titanium or Voyage 200 with **AMS 3.10 or higher**

**Note:** The regular TI-89 and the TI-92 series are **NOT supported**. calcGRADE 2008 utilizes several functions not present in the old AMS versions used by these calculators.

10K free RAM (more for user-generated data)

Compatible linking software (e.g. TI Connect  $\geq$  v1.6, TiLP II  $\geq$  v1.12)

Compatible link cable (Silverlink, Blacklink, Direct USB, etc.)

### How to Install

1. Start the linking software on your computer.
2. Send the following five files to your calculator:
  - a. cgrade.cg2008.89p
  - b. cgrade.subasm.89p
  - c. cgrade.subcl.89p
  - d. cgrade.suberr.89p
  - e. cgrade.subf.89p
3. On your calculator, use 2ND-VAR LINK to check that the above five files are in a folder named **CGRADE**. If not, create this folder and move all five files into it. Failure to ensure this will result in a non-functional installation.
4. calcGRADE 2008 should now be installed! You can run the program by typing **cg2008()** or **cgrade\2008** at the homescreen.

## Main Menu

The Main Menu appears immediately after starting calcGRADE and is the root menu.

F1	F2	F3	F4	F5	
Add Class	Open Class	Delete Class	About	Exit	

calcGRADE 2008  
Revision 1  
TI-89Ti/V200

by Kevin Zhang

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### F1 - Add Class

Use this function to create a new class. You will be prompted for the name of the class, up to 24 characters containing any combination of letters/numbers/symbols.

### F2 - Open Class

Use this function to create a new class. You will be prompted for the name of the class, up to 24 characters containing any combination of letters/numbers/symbols.

### F3 - Delete Class

Use this function to delete an existing class file.

### F4 - About

Displays information about the program and author information.

### F5 - Exit

Quits calcGRADE 2008, autosaving data and cleaning variables as needed.

## Class Menu Screen

This menu appears after you open a class. Below, specific information such as overall (weighted) average, number of assignments, possible points, and earned points is shown. Note that the Weighted Average is NOT a simple matter of points earned divided by points possible; the weight categories of all assignments are considered.

F1	F2	F3	F4	
Add Assignment	View	Graph	Back	

AP Physics C  
# of Assignments: 56  
Wtd. Avg.: 89.63%  
Points Possible: 1450.00  
Points Earned: 1304.00

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**CG2008 Revision 2** includes a higher-speed weighted averaging algorithm, as well as the following new behavior:

- Wtd. Avg. will show “undef” if the only assignment in the class is extra credit.
- Wtd. Avg. will show “undef” if there are one or more categories that have extra credit assignment(s) only.
- To restore the weighted average calculation, simply add at least one regular assignment to the class or category.

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## F1 - Add Assignment

Use this function to add a new assignment. You will be prompted for the assignment name, up to 24 characters containing any combination of letters/numbers/symbols, as well as the number of possible points, earned points, and weight category (5% to 100% in 5% increments).

**For an unweighted/straight-points class, just use the same weight category for all assignments. For extra credit assignments, input 0 in the possible points box.**

## F2 - View

This menu actually contains two subfunctions, **Assignment** and **Category**.

- **Assignment:** View the specific details of an existing assignment. For more information see **Assignment View** below.
- **Category:** View the specific details of an entire weight category. Select a weight category from the drop-down. Statistics such as # of assignments, category average, points possible, and points earned are presented in an information dialog. Press ENTER to return to the **Class Menu**.

USE ← AND → TO OPEN CHOICES

AP Physics C

# 0

Wtd Weight: 75%

Poi Points Possible: 1004.00

Points Earned: 1004.00

Enter=OK ESC=CANCEL

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AP

# 0

Wtd Weight: 75%

Poi Points Possible: 10

Points Earned: 884.00

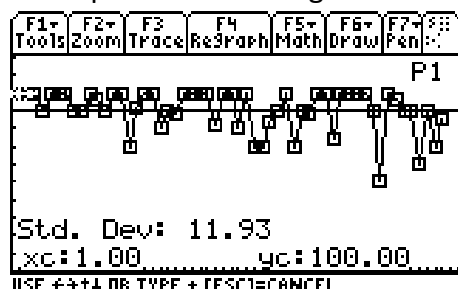
Points Earned: 884.00

Enter=OK ESC=CANCEL

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### F3 - Graph

This function generates a graph of the class assignments on-the-fly. The X-axis represents the assignment number in chronological order, and the Y-axis represents the assignment's average as a percent. If there are 2 or more assignments, a standard deviation calculation will be displayed. Finally, a horizontal line represents the weighted average of all assignments.



### F4 - Back

Returns to the **Main Menu**.

### Assignment View

This menu appears after you choose **View ➤ Assignment** from the **Class Menu**. Below, specific information about the assignment such as name, percentage, possible points, earned points, weight category, and assignment type (either Regular or Extra Credit) is shown.

F1	F2	F3	
Edit	Delete	Return to Class	
AP Calculus BC			
Exam 3			
Grade: 90.00%			
Points Possible: 100.00			
Points Earned: 90.00			
Weight: 75.00%			
Type: Regular			
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### F1 - Edit

Use this function to edit the details of an assignment. For input guidelines please see the **Add Assignment** section above.

F2	F1	F3	F4	F5	F6	F7	F8
Edit Assignment							
Name (424 chars)							
: Exam 3							
Points Possible (0 For EC)							
: 100.00							
Points Earned							
: 90.00							
Weight: 75.00%							
Enter=OK				ESC=CANCEL			
TYPE + [ENTER]=OK AND [ESC]=CANCEL							

## F2 - Delete

Use this function to delete the record of the current assignment from the class. This action is NOT reversible.

## F3 - Return to Class

Returns to the **Class Menu**.

## About the Author

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ticalc.org page: <http://www.ticalc.org/archives/files/authors/93/9369.html>

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