

CalcGrade 2006 Professional For TI-83+/84+/SE Release 2 User's Manual June 7, 2006

CalcGrade 2006 is the future in calculator-based gradekeeping. With CalcGrade 2006 Professional, you will be able to manage and track your grades with an unprecedented level of detail.

NOTE: CalcGrade 2006 Professional replaces all previous versions of the software. The Standard/LITE Edition is no longer compatible with the new Professional Edition.

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NEW FEATURES/CHANGES FOR CG2006 PROFESSIONAL

- Ability to name classes
 - Fixed several minor bugs
 - Dual methods for class selection (Class number or class name)
 - Improved, more practical installation method
 - Passcode Protection Feature
 - Enhanced, more powerful Class Manager module
 - Improved graph function
 - Now auto-archives data upon exit
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Installation

CalcGrade 2006 Professional Requirements

- TI-83+/84+/SE graphing calculator
 - Computer linking software (TiLP, TI-Connect, etc.)
 - At least 7K of free RAM, more depending on amount of data stored
 - Availability of calculator's A-Z variables, Str4, Str5, Str9, Str0, and lists G1, G2, G3, G4, G5
 - Highly recommended: MirageOS 1.2 or later
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Installation Instructions

1. Unzip the downloaded archive into a folder on your computer.
 2. Using linking software, such as TiLP or TI Connect, send the group file **CG2006P.8XG** to your graphing calculator.
 3. Using the **Memory→Group** menu on your calculator, ungroup **CG2006P**. If necessary, replace all files with the same name.
 4. It is recommended that you keep the group file on your graphing calculator, just in case you need to re-install for some reason.
 5. You can now run CalcGrade 2006 Professional. The program name is **CGRADE**. It is highly recommended that you use MirageOS to run the program instead of using the TI-OS PRGM menu, as the TI-OS has no protection against RAM resets.
 6. See below, "**Using CalcGrade 2006 for the first time**", for instructions on creating your first class.
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Using CalcGrade 2006 Professional

Using CalcGrade 2006 for the first time

NOTE: This section only applies to you if you have not used any release of CalcGrade 2006 before. Otherwise, read the following section.

Upon running the program, you will be presented with a title screen. Press any key, and you will be taken to the **Main Menu**.

Simply press the corresponding number to select a choice. This convenient interface is used throughout the program.

Press **1-Open Class**. You will get an error stating that no classes exist and that you should use the **Class Manager** to add one. Press any key, and you will be at the **Class Manager**.

Select **1-Add Class**. You will now be prompted to assign a name to the new class. You may use any combination of letters and numbers, but the name must be 16 characters or less in length. When you have successfully completed this task, you will be returned to the **Class Manager**. Press **4** to return to the **Main Menu**. Now proceed to the section "**Opening a Class**".

Opening a Class

From the **Main Menu**, press **1-Open Class**. You will have the choice of either using the class number or the class name to select a class. Press **1** or **2** to indicate your choice.

The Class Statistics Screen

Upon successfully opening a class, you will be presented with a screen that displays the class name, number of entries (assignments), possible points, your points, extra credit points, and the current overall percentage for that class. These data are automatically updated whenever you add, edit, or delete an assignment. After you finish viewing this screen, press any key.

The Class Menu

Upon dismissing the **Class Statistics** screen, you will be presented with the **Class Menu** – a list of operations and functions you can perform within the class.

You can add an entry (assignment), view/edit/delete an existing entry, manage separate extra credit points, view a graph relating all entries in the class, go back to the **Class Statistics** screen, or go back to the **Main Menu**. Simply press the corresponding number key to perform a task.

Adding an Entry

From the **Class Menu**, press **1-Add Entry**. You will be prompted to enter the number of possible points and the amount of points you received. CalcGrade 2006 does allow you to input the points received as a zero, or greater than the possible points (representing extra credit). However, the possible points cannot be zero (that doesn't make sense). If you enter any invalid data you will get an error message. Upon successfully entering the point values, you will be returned to the **Class Statistics** screen, which will reflect your entry.

NOTE: If you have a large number of entries or classes stored in CalcGrade 2006, adding an entry or class make take a few seconds.

Managing Existing Entries

From the **Class Menu**, press **2-View/Edit/Del**. You will be prompted to input an entry number. Upon entering a valid entry, you will be shown the possible points, points received, and percentage for that entry. You will be able to edit or delete that entry. Simply press **3-Back** to return to the **Class Menu** without making changes.

NOTE: If you have a large number of entries or classes stored in CalcGrade 2006, adding/deleting an entry or class make take a few seconds.

NOTE: When an assignment is deleted, all assignments following it (if any exist) are assigned new numbers to reflect the deletion.

NOTE: You cannot delete the only entry in a class. The only alternative is to delete the entire class.

Managing Extra Credit Points

If you wish to add separate extra credit points for a class, i.e. not a part of any regular assignment, use the Extra Credit Manager. At the **Class Menu**, press **3-Extra Credit**. CalcGrade 2006 will display the current number of EC points for that class. You may either add or subtract EC points from the current total. If you make changes to the amount of EC points, you will be returned to the **Class Statistics** screen, which will reflect your changes. Simply press **3-Back** to return to the **Class Menu** without making changes.

Graphing Function

The Professional Edition of CalcGrade 2006 includes an exclusive graphing function. This function will automatically generate, format, and display a graph displaying the percentages of each entry/assignment. To access the graph, press **4-View Graph** from the **Class Menu**. The graphing function can help you find the number of a certain entry you wish to see.

The graph screen will also tell you the name and standard deviation of percentages for the class. Note that X=Entry Number and Y=Percentage.

If you have a large number of entries, generating the graph may take several seconds. Use the Left/Right arrow keys to navigate the graph, and **ENTER** to return to the **Class Menu**.

Class Manager

The Class Manager allows you to add classes, modify existing classes, delete a class, or reset all user data. From the **Main Menu**, press **2-Class Manager**. Simply press the corresponding number for the desired choice.

NOTE: In order to add a new class, the previous class MUST NOT be empty.

NOTE: Names for classes cannot exceed 16 characters (the horizontal width of the calculator screen).

NOTE: When you try to modify a class, you will need to enter either its class number or class name. This interface is essentially identical to the one used when opening a class.

NOTE: Deleting a class deletes all traces of that class; its number will become the number of the class following it, if it exists.

NOTE: Resetting all user data will erase **ALL** of your class data; use this option with caution!

Using the Passcode Protection Feature

CalcGrade 2006 Professional allows you to set a passcode to prevent unauthorized access to your grade data. When set, you must enter the passcode every time you run the program.

To manage the passcode features, simply press **3-Passcode** at the **Main Menu**.

Exiting CalcGrade 2006

To quit CalcGrade 2006, simply press **4-Quit** at the **Main Menu**. All user data lists will be automatically archived. Additionally, all temporary variables used will be cleared and deleted. You will then be returned to either MirageOS or the TI-OS homescreen, depending on what you used to launch the program.

Legalities/About the Author

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At the time of release of this product, Kevin Zhang is a freshman at Southview High School in Sylvania. He is an honors student and strives for quality and excellence.

Email: kzhang10@gmail.com

AIM: kzhang326

Web: kevinzhang.gomain.org