

## COMPILATION: learning how to use TI 83+ graphing calculators

Date: Wed, 29 Jan 2003

From: Shannon McLaughlin <smclaughlin@NORWALK.K12.IA.US>  
Modelers,

Do any of you know of a web site that demonstrates how to use a TI-83 in a very functional and easy to follow way? Possibly with screen shots and the like to aid in the tutorial? Or ... a packet explaining how to produce graphs and how to use the calculator to perform typical mathematical operations, especially graphing?

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Date: Thu, 30 Jan 2003

From: Michael Brame <stlscience@HOTMAIL.COM>  
Subject: Re: intro to TI-83

I received free a small book called 'Graphing Calculators in the science classroom' from Glencoe Science Professional Series. It is copyrighted 1999; ISBN: 0-02-825487-2. Although it is directed to the teacher, I have copied parts of it to use in teaching the students how to use the calculator and graph with it. A significant disadvantage is that it gives information on several graphing calculators, not just the TI-83.

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Date: Thu, 30 Jan 2003

From: Patty Blanton <blantonp@APPSTATE.EDU>

Hi all,

Jane asked that I post information about an online course that I took called "Algebra using the TI83+" offered by Texas Instruments Professional Development series. The course consisted of 27 modules (usually 3 to 4 lessons on specific applications) with on-line tests at the end of each module. At the end, there was a final exam. The cost of the course was \$225 and it was for 25 hours (2.5 CEUs or there was a graduate credit option). You have 4 months to complete the course. There are lessons on working with lists and tables, linear regression, using the CBR, and lots of useful applications. There is a demo module available on relationships and functions: <<http://education.ti.com/us/t3/onlinecourses/onlinecourses.html>> that will give you an idea of the structure. I learned lots of things that would be very helpful in modeling.

If you are looking for a resource that shows how to do specific things with the calculator, this site: <<http://www.prenhall.com/divisions/esm/app/calculator/>> is a great resource. Choose, for example, linear regression and you get detailed instructions with screen shots to see how to do things.

One more site uses Shockwave to show the various features of not only the calculator but also the CBR, graphlink cable, and CBL:

<<http://www.esc4.net/math/Calculator/intro.htm>>

[Jane's note: the TI course is designed for Pre-Algebra, Algebra 1 and Algebra 2 teachers.]

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Date: Thu, 30 Jan 2003

From: "K. Fincher" <raptor1@ARN.NET>

I downloaded the TI-83 user's manual from the TI web site and it's not too hard to follow. If you don't like the way it reads, though, I have a packet that has some very good instructions on basic graphing and analysis.